



# 2001-2002 USCS Academic Catalog

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*University of South Carolina  
Spartanburg*

*2001-2002 Catalog*

## ***Academic Calendar 2001-2002***

### ***Fall 2001***

Aug. 27, Monday	Classes begin
Sept. 3, Monday	Labor Day holiday
Oct. 15-16, Monday-Tuesday	Fall break
Nov. 22-23, Thursday-Friday	Thanksgiving break
Dec. 10, Monday	Classes end
Dec. 11, Tuesday	Reading Day
Dec. 12-18, Thursday-Wednesday	Final examinations
Dec. 19, Wednesday	Convocation honoring December graduates

### ***Spring 2002***

Jan. 14, Monday	Classes begin
Jan. 21, Monday	Martin Luther King Jr Holiday
March 18-22, Monday-Friday	Spring break
April 29, Monday	Classes end
April 30, Tuesday	Reading Day
May 1-7, Wednesday-Tuesday	Final examinations
May 11, Saturday	Commencement

### ***Maymester 2002***

May 8, Wednesday	Classes begin
May 24, Friday	Classes end
May 25, Saturday	Final examinations

### ***Summer Session I 2002***

May 28, Tuesday	Classes begin
June 26, Wednesday	Classes end
June 27-28, Thursday-Friday	Final examinations

### ***Summer Session II 2002***

July 9, Tuesday	Classes begin
Aug. 7, Wednesday	Classes end
Aug. 8-9, Thursday-Friday	Final examinations



# Welcome ...

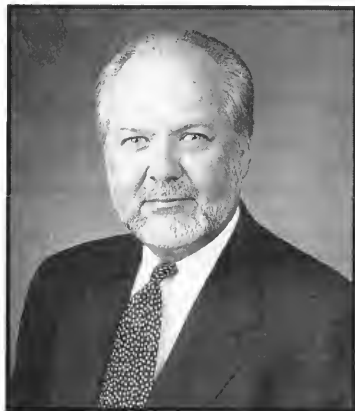
I would like to extend to you a special welcome to the University of South Carolina Spartanburg. I am pleased that you have decided to take a closer look at our programs and services, and I am confident that you will like what you see.

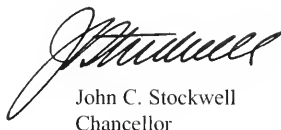
USCS is South Carolina's "metropolitan university." We refer to it in this way for several reasons. Most importantly, the University's fundamental purpose is to provide baccalaureate and graduate educational opportunity to the rapidly growing metropolitan Upstate of South Carolina. Here you will find academic programs of top quality in the USCS College of Arts and Sciences and in our three professional schools of business, education and nursing. You'll find quality faculty and staff who will interact with you on an individual basis and who will help to make your university experience both challenging and worthwhile. You will also find quality facilities such as the Humanities and Performing Arts Center and the new Campus Life Center which will enrich your educational journey.

As a metropolitan university, we have a history of strong partnerships with members of our surrounding community including school districts, business, industry and health-care institutions—partnerships from which you will benefit as a student and future graduate of the University.

USCS is a center of activity for the university community and beyond. Students at USCS have countless opportunities to participate in campus activities and to assume leadership roles in a variety of student and community organizations. Students can take advantage of the many student services offered to complement the academic program. Internship opportunities (regional, national and international), the Center for Women's Studies and Programs, special programs for minority and international students, and the Career Services Center are just a few of the many services offered to USCS students.

As you read through the pages of this catalog, please contact our admissions office at 864-503-5246 if you have any questions. I wish you the best in your educational endeavors, and I look forward to seeing you on campus in the near future!



  
John C. Stockwell  
Chancellor



*The University*

The University of South Carolina Spartanburg is a coeducational, state-assisted, comprehensive metropolitan institution. USCS offers bachelor's degree programs in the liberal arts, sciences, business administration, nursing and teacher education; the associate degree in nursing; and master's degrees in education.

Enrollment in the fall of 1999 was 3,775. The faculty totaled 256—125 full-time faculty, 25 administrators and librarians who also hold faculty rank, and 96 part-time faculty members. Faculty members hold advanced degrees from a broad representation of colleges and universities.

USCS is located near the foothills of the Blue Ridge Mountains. The 298-acre campus has eight major buildings, plus athletic fields and a child development center.

## ***Accreditation***

The University of South Carolina Spartanburg is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Ga. 30033-4097; Telephone 404-679-4501) to award associate, baccalaureate and master's degrees. Business programs are accredited by AACSB International—The Association to Advance Collegiate Schools of Business (600 Emerson Road, Suite 300, St. Louis, Mo. 63141-6762; Telephone 314-872-8481). Nursing programs are accredited by the National League for Nursing Accrediting Commission (61 Broadway, New York, N.Y. 10006; Telephone 1-800-669-1656; E-mail [custhelp@nln.org](mailto:custhelp@nln.org)). Undergraduate education programs are accredited by the National Council for Accreditation of Teacher Education (2010 Massachusetts Ave. N.W., Suite 500, Washington D.C. 20036-1023; Telephone 202-466-7496).

## ***Mission Statement***

The University of South Carolina Spartanburg aims to become one of the Southeast's leading "metropolitan" universities—a university which acknowledges as its fundamental reason for being its relationship to its surrounding cities, their connecting corridors and expanding populations. It aims to be recognized nationally among its peer metropolitan institutions for its excellence in education and commitment to its students, for its involvement in the Upstate, for its operational and managerial effectiveness, for its civility and common purpose, and for the clarity and integrity of its mission.

As a senior comprehensive public institution of the University of South Carolina, the University's primary responsibilities are to offer baccalaureate education to the citizens of Upstate South Carolina and to offer selected master's degrees in response to regional demand. The University also supports the Office of the Extended Graduate Campus, and, consistent with its founding mission in 1967 as an institution for nursing education, it offers the associate degree in nursing.

Curricula and services are designed for the University's three to five thousand students who are diverse in background, age, race, ethnicity, educational experience and academic goals. Students are drawn in

large proportion from the Upstate where many choose to remain for their careers. A broad range of major curricula are provided in arts and sciences and in professional fields of study required by the regional economy, including business, education, health, criminal justice and information technology. Through on-site instruction, distance learning, continuing education and inter-institutional articulation agreements, students are served across the Upstate.

Consistent with the international character of the Upstate, the University promotes global perspectives across its programs, and, supporting the regional employment objectives of most of its students, it provides extensive experiential learning opportunities.

The University's metropolitan mission rests upon a foundation of partnerships with the educational, corporate and service organizations of the Upstate. The USCS faculty provides leadership in promoting the Upstate's economic, social, and cultural development through its teaching, professional service, basic and applied scholarship, and creative endeavor.

USCS strives to prepare its students to participate as responsible citizens in a diverse and global society, to pursue excellence in their chosen careers and to continue learning throughout life.

## ***Vision Statement***

USCS will emerge as "the metropolitan university of South Carolina" and one of the leading metropolitan universities of the Southeast, recognized as a center of superb teaching, experiential learning, regional partnerships, international opportunity, cultural diversity, and dynamic community activity.

## ***History***

The history of the University of South Carolina Spartanburg is a chronicle of remarkable development. In 30 years, USCS has grown from a small, two-year campus into an important center of higher education for the entire metropolitan Upstate.

USCS was established primarily to avert what could have been a serious health care problem. In 1967, the Spartanburg General Hospital announced it was phasing out its diploma program for registered nurses. A citizens' committee investigated the situation and ultimately requested that Spartanburg become a campus of the University of South Carolina.

The Spartanburg Regional Campus, as the two-year school was first known, opened its doors in the fall of 1967 to 177 students, many of whom pursued an Associate of Science degree in technical nursing. The first classes met on the first floor of the Spartanburg General Hospital nursing residence. As enrollment grew, classes expanded into the old County Health Department building. In 1969, the first building was opened on the permanent campus on the northern outskirts of Spartanburg.

Rapid growth soon made USCS a candidate for four-year status under the provisions of a 1972 legislative act. In the fall of 1975, the Spartanburg Regional Campus

officially became the University of South Carolina Spartanburg and the first twelve bachelor's degree programs were approved by the S.C. Commission on Higher Education. Enrollment and academic offerings have grown steadily since then.

From its beginning and consistent with the University's metropolitan mission, USCS has operated in partnership with school districts, health care institutions, businesses and industries to develop academic and public-service programs tailored to the needs of the region it serves.

### *Public Service*

In addition to academic excellence, USCS is dedicated to public service activities. Among the University's initiatives in this area:

USCS administrators **ACHIEVE**, a youth employment program, in Cherokee, Spartanburg and Union counties. The program provides employability training and job placement, instruction and career activities for school dropouts.

The **Gear Up** (Gaining Early Awareness and Readiness for Undergraduate Programs) program is grant funded by the U.S. Department of Education, and administered through the S.C. Department of Education and the S.C. Commission on Higher Education. The purpose of the grant is to prepare at-risk middle school students for college preparatory programs, and ultimately to increase readiness for and attendance in undergraduate education. Seventh-grade students attend 10 Saturday sessions during each semester and 3 weeks during the summer. As eighth-grade students, they attend an additional five Saturday sessions during the fall semester. Programming includes curricula in language arts, mathematics, science and leadership.

**Opportunity Network** is a federally funded TRIO Student Support Services program which serves 150 USCS students who meet eligibility requirements. Students who are first generation, low-income and/or disabled can qualify for Opportunity Network tutoring, cultural events, sections of University 101, and other academic and non-academic services held on and off campus.

In 1993, USCS launched a new public-service initiative: the **Saturday Academy for Selected Students**, a program aimed at students who are at risk of dropping out of school. Funded by private donations, the Saturday Academy identifies at-risk students at the sixth-grade level and involves them in a six-year program of activities designed to improve their chances of finishing high school and going to college. Two years ago, Spartanburg County School Districts Six and Seven elected to continue the program for additional students.

**Upward Bound** is a pre-college program of intensive instruction, tutoring, and social and cultural activities designed to help secondary students prepare for higher education. Participants receive instruction in literature, composition, foreign languages, mathematics and science on campus after school, on Saturdays, and during the summer. Presently, Upward Bound enrolls sixty students, grades nine through twelve, from school districts in Spartanburg and Cherokee Counties.

Thousands of public school students have participated in programs such as the **Piedmont Regional Science Fair**, an annual writing and art competition, and **History Day**.

Each year the University offers a wide range of art exhibits, special lectures, music concerts, plays, and other special events for students and the community. Admission to these events is either free or at a nominal charge.

### *Center for Women's Studies and Programs*

The Center for Women's Studies and Programs (CWSP) serves students, faculty, staff and community members through curricular and co-curricular programming, resource and referral services, advocacy efforts, and training activities on women- and gender-related issues. The CWSP serves as the coordinating site for coursework in women's studies.

### *International Studies and Language Services*

The Center for International Studies and Language Services provides enhanced international experiences for USCS students and faculty members as well as interaction between the University and the international community. This center assists with language development and translation services on and off campus. Due to the reciprocal agreements with various universities abroad, USCS is able to offer students the opportunity to study or conduct internships abroad. To international students, the Center provides curricular and personal assistance in addition to arranging internships in the many international and American local businesses. International students should contact the Office of International Studies shortly after their arrival on campus for orientation and information relevant to beginning their college careers.

### *The University Center in Greenville*

The University Center of Greenville is a non-profit consortium of higher education institutions dedicated to increasing access to educational opportunities for the citizens of the Greater Greenville Metropolitan Area of South Carolina. Located at 228 South Pleasantburg Drive in McAlister Square, the University Center is a state-of-the-art teaching and learning center designed to serve the needs of working adults who want to pursue four-year or graduate-level degrees without leaving Greenville County. Most courses are offered during evenings for the convenience of working adults. Some daytime classes are also available.

In addition to the University of South Carolina Spartanburg, six universities are partners in the University Center: Clemson University, Furman University, Lander University, the Medical University of South Carolina, South Carolina State University and the University of South Carolina Columbia.

The University of South Carolina Spartanburg offers upper division course work for the following degree programs:

- Bachelor of Science in Business Administration
- Bachelor of Arts in Computer Information Systems
- Bachelor of Arts in Communications (courses are offered on the Greenville Technical College—Greer campus)
- Bachelor of Arts in Early Childhood Education
- Bachelor of Arts in Elementary Education
- Bachelor of Arts in Graphic Design\*
- Bachelor of Arts in Information Management and Systems
- Bachelor of Arts or Bachelor of Science in Interdisciplinary Studies
- Degree completion for the Baccalaureate degree in Nursing (R.N. to B.S.N)

### ***Bachelor of Science in Business Administration***

The Bachelor of Science in Business Administration (BSBA) is an undergraduate upper-level degree program for working adults who are seeking growth opportunities with current employers or who are seeking employment with small businesses. The BSBA helps students develop the competency to become business administration generalists because they are able to take a variety of courses from accounting, management, marketing and economics/finance.

### ***Bachelor of Arts in Computer Information Systems***

The Bachelor of Arts in Computer Science with a major in computer information systems (CIS) is designed to integrate computer science with business. This program emphasizes not only computer programming skills, but also systems analysis and design. Computer Information Systems is for students who plan a career in business and industry as a computer programmer or systems analyst. Students in University Transfer programs as well as students in electronics engineering technology at Greenville Technical College should consider this degree. CIS is appropriate also for adults already working in the field of Management Information Systems. Computer Science 141, Introduction to Algorithmic Design, which teaches C++ as the primary computer programming language in understanding algorithmic design, is the first required course for the CIS degree program.

### ***Bachelor of Arts in Communication***

The Bachelor of Arts in Communication features courses in both theory and applied communication, and the program prepares students for careers in newspaper reporting, television and radio production, publishing, advertising and public relations. Students majoring in communication have the opportunity to intern with local news organizations such as WSPA-TV, and WYFF as well as others. Required courses for this degree include Survey in Human Communication, Survey of Mass Com-

munication, Voice and Diction and Theater History. Students can take courses in news writing, writing for broadcasting, history and theory of mass media, law and ethics, and professional options such as motion picture and video techniques, public relations, advertising, telecommunications management or photography. All course work for the B.A. in Communications will be offered in the evening on the Greer Campus of Greenville Technical College. Students completing Greenville Technical College's two-year graphic arts program can apply their graphics courses toward the cognate requirement of the B.A. in Communication.

### ***Bachelor of Arts in Early Childhood Education***

The Bachelor of Arts in Early Childhood Education provides preparation for teaching in four- and five-year kindergartens and in the primary grades (1-4). A substantial portion of the curriculum consists of course work in the liberal arts to establish a broad educational background prior to the professional sequence of courses. A content concentration in sociology or psychology provides related course work in a subject specialization. The professional sequence provides content and direct opportunities for field experience. The final experience is a semester-long student teaching assignment of which half is in a pre-primary (4K or 5K) setting and half in a primary setting (grades 1, 2, 3 or 4).

### ***Bachelor of Arts in Elementary Education***

The Bachelor of Arts in Elementary Education prepares students to teach in grades 1-8. The program consists of a general liberal arts background, professional educational training, and preparation in a content concentration. During the semester in which students are enrolled in directed teaching (SEDL 470), they spend all of each school day for a period of fifteen weeks in the elementary or middle school to which they are assigned. For both the early childhood and the elementary education degrees, students spend one half of their directed teaching experience at one grade level and half at another.

### ***Bachelor of Arts in Graphic Design\****

The Bachelor of Arts in Graphic Design prepares graduates for professional practice by integrating the content areas of theory, production, history, criticism and aesthetics. The program will combine traditional art techniques with computers, and courses will be offered in exploring new media design. Concentrations will be offered in the areas of print design, photography design, interface design and illustration design. Course work for the degree will be offered on the Greer Campus of Greenville Technical College

### ***Bachelor of Arts in Information Management and Systems***

The Bachelor of Arts in Information Management and Systems is a multi-disciplinary degree, integrating an

*\*pending approval by South Carolina Commission on Higher Education*

understanding of computer science, information science, telecommunications, discipline-specific data/information administration, and an ability to recognize relationships between technical systems and social structures. The degree program will prepare graduates to design, implement, and manage information systems and use information and information technology to solve problems in business, industry, government agencies, and education institutions. Students completing the information systems degree will have a comprehensive understanding of the complex technologies that permeate modern organizations, and they will be capable of understanding, evaluating, and integrating emerging information technologies to meet the needs of multiple organizations. Consequently, graduates of the program will be positioned at the forefront of information creation, access, analysis, and dissemination, and they will be prepared for existing professions and for stretching boundaries to include new and emerging specialties. Preparation will emphasize basic quantitative and qualitative techniques, business functions, effective communications skills, and skills in team interactions.

### ***Bachelor of Arts or Science in Interdisciplinary Studies***

Recognizing the growing economic and cultural diversity of the Piedmont region of South Carolina, interdisciplinary studies (IDS) provides the opportunity to combine course work in two or more disciplines based on personal interest, the desire for self-improvement, career advancement, or preparation for study in a profession such as law. This degree appeals to mature students with clearly defined educational goals and emphasizes the flexibility to suit the specific needs of the students. Students with a variety of courses from other colleges and universities who do not have adequate credits for a traditional degree may find that the IDS program will allow them to use many of their previously earned credits. The Interdisciplinary Studies program permits students to apply credits earned through independent study toward their degree. Students may also be able to apply up to 30 semester hours earned in correspondence courses, the U.S. Armed Forces Institute, selected college level examination programs and off-campus extension classes for partial fulfillment of degree requirements. The upper-level courses leading to the IDS degree offered by USCS at the University Center of Greenville are primarily offered in the evening.

### ***Degree Completion for the Baccalaureate Degree in Nursing***

The R.N. to B.S.N. program is designed for registered nurses who have completed an Associate Degree or diploma program in nursing. All registered nurse courses are offered over the South Carolina Educational Television Digital Satellite System on Tuesdays between 9 a.m. and 5 p.m. Viewing rooms with facilities to communicate directly with the faculty member are available at the University Center of Greenville. Clinical experiences are also arranged for the convenience of the student and the preceptor. Students can complete the nursing requirements in one calendar year. Courses begin in fall semes-

ter, and students can graduate the following August. The School of Nursing at the University of South Carolina Spartanburg will accept most general education courses completed at other colleges and universities.

Information on each of the programs offered at the University Center may be obtained by calling the USC/USCS Office of the University Center of Greenville at 864-250-8870. An advisor is available to provide transcript evaluation and to help students develop a program of study.

## ***The Campus***

Located just off Interstate 85, USCS offers modern facilities in an uncluttered setting, with easy access to nearby cities.

Major facilities on the 298-acre campus include:

**Administration Building.** Opened in 1969 and renovated in 1988, this 41,000-square-foot building was the first facility constructed on the USCS campus. It houses administrative offices, including the admissions and financial aid offices, in addition to computer labs and classrooms.

**G.B. Hodge Center.** Opened in 1973 and later expanded, the 45,000-square-foot Hodge Center houses a 1,650-seat gymnasium, an auxiliary gym, a weight room and athletics department offices. The building is named for Dr. G.B. Hodge, chairman emeritus of the Spartanburg County Commission for Higher Education. The Division of Mathematics and Computer Science occupies the second floor in recently renovated spaces.

**Media Building.** This 44,000-square-foot building, opened in 1978, is home to the School of Business Administration and Economics, the School of Education, the Audiovisual Production center, and the studios of WRET-TV, a station of the South Carolina Educational Television Network.

**Mary Black Nursing Building.** Opened in 1982, this 26,066-square-foot facility houses the offices, classrooms, laboratories and auditorium of the Mary Black School of Nursing. The School and building were named in appreciation of the generosity of Mrs. Mary Black Phillips and the late Miss Rosa Black, whose donations played a key role in securing the funds for the building.

**Campus Life Center.** The University's newest building, this 55,000-square-foot facility is the center of campus activity and the focal point of future growth onto the North Campus. The Center houses dining services, the bookstore, student affairs, the Counseling and Career Services Center, student organization offices, student publication offices, several meeting rooms, special events offices, a computer lab and an automated teller machine. It is a gathering place for student organization and community meetings, receptions and other events.

**Humanities and Performing Arts Center.** Opened in 1990, this building features a 450-seat theater with a hydraulic pit lift, superb acoustics, and a fully rigged fly loft. The 54,000-square-foot building also houses a music recital hall, private practice rooms, art studios, an art gallery, foreign language and journalism labs, and the

offices of the Division of Fine Arts, Languages and Literature.

**Horace C. Smith Building.** Opened in 1985, the 60,000-square-foot Smith Building is home to science laboratories and classrooms, and the offices of the College of Arts and Sciences and the Division of Natural Sciences and Engineering.

**Library Building.** This 68,300-square-foot building, opened in 1977, houses a library with a collection of more than 215,000 volumes. It is also home to classrooms and offices of the Division of Social and Behavioral Sciences. On the lower level, with a separate entrance, is the Tukey Theater, a 140-seat lecture hall named for the late Richard E. Tukey, who as head of the Spartanburg Chamber of Commerce was one of the community leaders instrumental in the establishment of USCS.

**Burroughs Child Development Center.** Opened in 1976, the Center provides care for 48 pre-school children, and gives students in the School of Education an opportunity to work with and observe young children. It is named for William J. Burroughs, who has been a member of the Spartanburg County Commission for Higher Education since it was created in 1967 and currently serves as secretary-treasurer.

**Activities Building.** Opened in 1980, this 3,600-square-foot facility is the location of the University Police Department and Health Services.

**University Commons.** The University obtained ownership of this 12-building apartment complex in 1997. Each two-bedroom unit is furnished, air-conditioned, and has a kitchen with stove, refrigerator, dishwasher and disposal. A recreation area with pool, laundry and basketball and volleyball courts is available.

**Athletics and Recreation Areas.** Construction is underway on a number of athletic and recreational areas around the campus, mostly on North Campus. This year will see completion of the new Soccer Stadium, some of the intramural and youth soccer fields, and portions of the softball stadium and the baseball stadium. Next year, the remainder of the intramural fields will be completed, and construction may begin on the new tennis complex. Various trails are being developed, and some may be incorporated into the Mountains to Sea State Palmetto Trail system. Sections of a cross-country course are included with the portion of the major stadiums, and eventually will connect together to form a loop around most of the North Campus.

## *Campus Access*

### **Driving**

**From Interstate 26:** Take exit 18B to Interstate 85 North. Follow I-85 to exit 72 (Highway 176-585). At the end of the exit ramp, turn right on Highway 176. Take exit 22 and turn left at stop sign. After crossing over the bridge, turn right on University Way and follow to USCS.

**From Interstate 85:** Follow I-85 to exit 72 (Highway 176-585). At the end of the exit ramp, turn toward Spartanburg on Highway 176. Take exit 22 and turn left

at stop sign. After crossing over the bridge, turn right on University Way and follow to USCS.

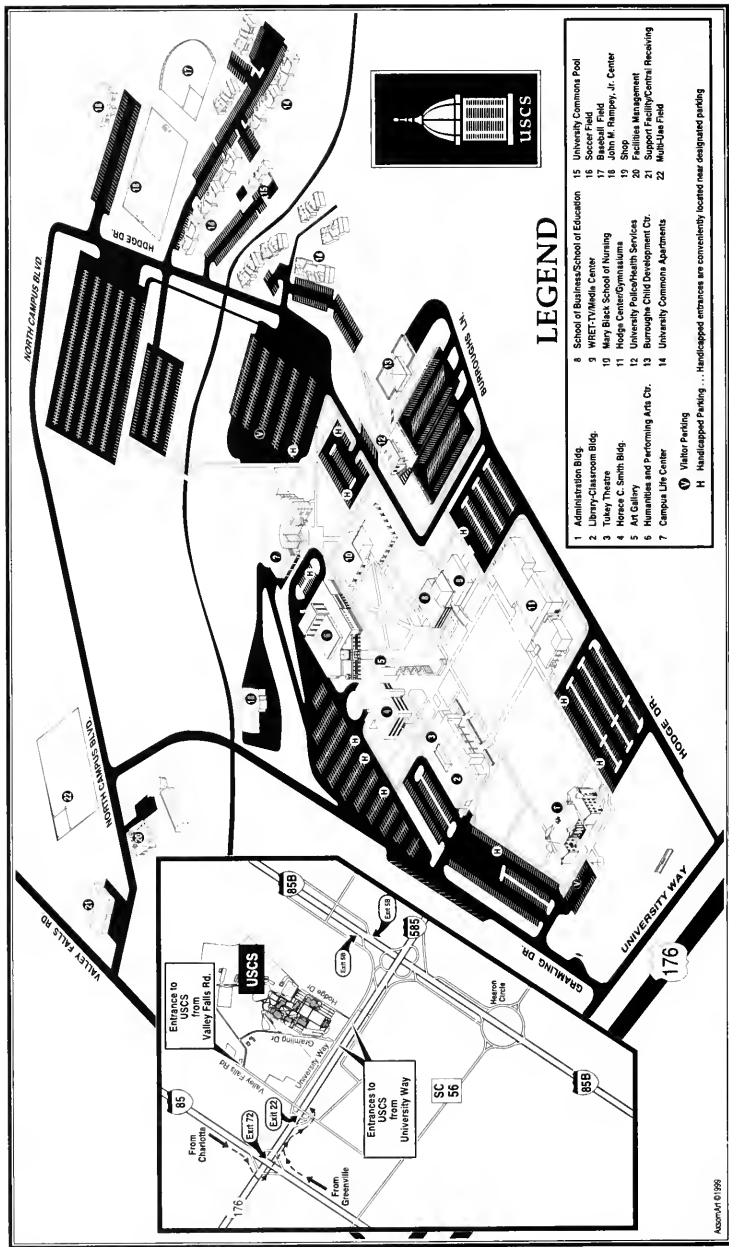
**From Business Loop 85 North:** Take exit 5B and turn left on Milliken Road. Turn left at crossroads and cross over bridge, turn left at end of bridge and follow signs to USCS.

**From Business Loop 85 South:** Take exit 5B (Highway 176-585) and follow signs to USCS.

### **Flying**

**Greenville/Spartanburg International Airport:** Airlines serving the Greenville/Spartanburg include ASA, CCAir, Comair, Continental, Delta, Northwest Airlines, Northwest AirlinK, PSA, US Airways, Midway and United Express. The airport is conveniently located adjacent to Interstate-85 and is 15 minutes by car from Spartanburg. Rental car agencies including Alamo, Avis, Budget, Hertz and National are available.

## USCS Campus Map







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## *Admissions*

## Undergraduate Admission

The University of South Carolina Spartanburg seeks to enroll students who will benefit from and contribute to the University. USCS encourages all qualified students to apply for admission. Candidates for admission should possess the academic background to indicate the potential for collegiate success. Admission to USCS does not guarantee or imply admission to any university program. The University of South Carolina is committed to the policy and practice of affirmative action and equal opportunity in education for all qualified persons regardless of race, color, religion, sex, disability or national origin.

Requests for undergraduate application forms and catalogs should be addressed to the Office of Admissions. The Office of Admissions is open Monday through Friday and is located on the second floor of the Administration Building.

**Phone:** 864-503-5246 Spartanburg  
864-271-9111 Greenville  
1-800-277-8727 Elsewhere

**Fax:** 864-503-5727

**E-Mail:** dstewart@uscs.edu

**Home Page:** www.uscs.edu

### Application Procedures

#### 1. Application

Prospective students should submit a completed application to the Office of Admissions with a non-refundable \$30 application fee.

#### 2. Transcripts

All freshman applicants must submit transcripts of their high school record from the present or last high school attended. Applicants who attend a post-secondary institution while in high school or during the summer are classified as freshmen. However, official transcripts of the college work must be submitted. Transfer applicants must submit a transcript mailed directly to the USCS Office of Admissions from EACH college attended. Transfer students with less than 30 semester hours of college credit are required to submit a high school transcript. It is the applicant's responsibility to have the required documentation forwarded to the Office of Admissions. All transcripts become permanent records of USCS and will not be forwarded or returned.

#### 3. Test Scores

All applicants who are 21 years of age or younger, with the exception of transfer applicants who have completed at least 30 semester hours of college credit, must submit results of the Scholastic Assessment Test (SAT I) or the American College Testing program (ACT).

#### 4. Interviews and Campus Visits

Although not required, students are encouraged to visit USCS to meet with university representatives and tour the campus. Appointments should be scheduled by calling the Office of Admissions.

Each applicant will be notified when an application for admission is received by the Office of Admissions and an admission decision will be made upon receipt of required documents. Decisions for admission are made on a rolling basis.

### Categories of Admission

#### I. Degree-Seeking Admission

##### A. Freshman Admission

- High school diploma or equivalent (GED certificate)
- Scholastic Assessment Test (SAT I) scores or American College Testing Program (ACT) scores

**Non-traditional or Adult Students** Applicants who are 22 years of age or older are not required to submit SAT I/ACT scores. However, students should present evidence of ability for academic success.

Applicants who are interested in receiving credit by exam, military credit or credit for non-collegiate programs should refer to page 48 for more information.

**Freshman High School Course Requirements** Students should prepare for the challenges at USCS by taking a rigorous academic curriculum while in high school. Students who graduated from high school in 2001 or after are required to have completed the following high school units:

Area	Units	Description
English	4	At least two units having strong grammar and composition components; at least one unit in English literature; and at least one unit in American literature (completion of college preparatory English I, II, III and IV will meet requirements).
Mathematics	3	Algebra I & II; geometry, a fourth unit is strongly recommended. Applied Math I & II may substitute for Algebra I if Algebra II is successfully completed.

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Laboratory Science*	3	Two units must be taken in two different fields such as biology, chemistry or physics. The third may be from the same field as one of the first two or from any lab science where biology and chemistry is a prerequisite.
Foreign Language	2	Two units of the same foreign language. A third is strongly recommended.
U.S. History	1	
Social Studies	2	Economics and Government are strongly recommended.
Physical Education or ROTC	1	
Electives*	4	From at least three different fields. You may select from computer science, English, fine arts, humanities, math (above Algebra II), social science, foreign language and other college preparatory courses

\* Students who graduated from high school between 1988-2000 must meet the above requirements. However, these students need 2 rather than 3 laboratory sciences and 1 rather than 4 electives.

### Assessment of Academic Records

Freshman applicants who satisfy the course requirements listed above will be evaluated on the basis of high school curriculum, grades, and SAT I or ACT scores. These factors will be used to determine the applicant's probability of success during the freshman year. Generally, applicants who have earned a cumulative average of C or better on the preparatory courses listed above, and who score at least 850 on the SAT I or 18 on the ACT will be admitted to USCS. Higher grades may offset lower SAT/ACT scores and higher SAT/ACT scores may offset lower grades.

Exception to admissions requirements will be considered for applicants who can present extenuating circumstances.

Where appropriate, the admissions office will refer such cases to the admissions and petitions committee of the faculty.

Typically, any student admitted with a high school course deficiency will be required to successfully complete an equivalent course in their first 30 semester hours of coursework at USCS.

### Honors Circle

Approximately 40 students in the freshman class will be admitted as part of the Honors Circle, the first program designed for academically talented freshman at USCS. The program was conceived to allow exceptional students the opportunity to learn in an environment designed to complement and enhance their natural abilities. The core of the Honors Circle 2001 will be a learning community, a packet of three courses including English, philosophy and sociology, which will give students the opportunity to study with other academically accelerated freshman.

### Link Program

A limited number of students who do not meet regular admission requirements may be admitted to USCS as provisional students in the Link Program. All Link students are required to enroll in a freshman packet of classes selected by an advisor; participate in special workshops or programs as needed including tutoring sessions, computer labs and counseling sessions; work no more than 20 hours per week; study at least 2 hours outside of class for each hour in class; and meet continuation standards of the University which requires a minimum 1.5 grade point average at the end of 24 semester hours.

### Learning Communities

#### (Center for Learning Innovation and Achievement)

USCS is committed to a quality educational experience for all freshmen in order to afford every student the best possible chance for academic success. To those ends, the college has designed small (20 or less) learning communities for freshman.

Each community consists of three general education courses consistent with the student's declared major, and space is reserved in those courses for all of the students assigned to the community. Further, the three instructors who teach in each community are chosen from among the best professors on the University faculty. Their job is to design educational experiences which help students understand how all of the academic disciplines are interconnected in the pursuit of knowledge. In addition, professors encourage activities that foster learning by providing students the opportunity to meet and discuss their studies with each other and with faculty outside of the formal classroom setting.

The learning communities are an important aspect of the University's freshman experience, modeling the kind of inquiry and study required in the university setting easing the transition from high school to college.

## B. Transfer Admission

A transfer applicant is a student who has attended another post-secondary institution after graduation from high school regardless of the amount of credit earned at that institution. Applicants must submit transcripts of all previous college courses whether or not credit was earned and regardless of whether the applicant wishes to transfer any credit. Failure to report all colleges attended may constitute immediate cancellation of admission and/or registration. Transfer requirements are listed below.

- A minimum 2.0 cumulative GPA in all previous college-level course work.
- Evidence that the applicant is academically and otherwise eligible to return to the last institution attended.
- If less than 30 semester hours of college-level work have been completed, the applicant must meet both freshman and transfer requirements.

Transfer applicants who have not attended school for two years or longer and are at least 22 years of age, may be eligible for probationary admission even if they do not meet GPA requirements. Students who are on academic probation must obtain at least a 2.0 average on the first 12 or more grade hours attempted under this status. These hours may be taken over more than one semester. Students failing to meet this requirement are suspended. Students who leave the University without completing a term of probation, and are absent for three or more years, will begin a new term of probation upon readmission.

Transfer students are informed by the dean or division chair of their major of the amount of credit which will transfer, usually prior to enrollment, but at least prior to the end of the first academic term in which they are enrolled.

### *Transfer Credit*

The transcript of a transfer student is evaluated by the dean of the school or college in which he or she matriculates. If no major or an undeclared major is indicated at the time of application, the transcript will be evaluated in the Center for Innovative Learning and Achievement.

USCS does not limit the number of hours transferred for degree credit from a senior college that is accredited by a regional association such as the Southern Association of Colleges and Schools. A maximum of 76 semester hours may be transferred for degree credit from a junior college or two-year institution that is accredited by a regional accrediting association. USCS requires that every student meet the academic residency requirements (page 52) before a degree is awarded.

A student transferring from a four-year institution not accredited by the appropriate regional accrediting association may validate hours earned at the nonaccredited institution by successful completion of 15 hours at USCS

with a minimum 2.0 GPA. Credits earned at two-year nonaccredited institutions may be validated by examination.

As a general rule, some courses are not acceptable in transfer to USCS or to the other campuses of the University of South Carolina. Included are occupational or technical courses, remedial courses, courses from a two-year college that are considered upper-level at the University, or courses from a two-year college that are not part of that institution's college transfer program. Exceptions to this rule may be made only by the dean of the student's school or college or by the vice chancellor for academic affairs. Exceptions are made only in specific cases where the courses being considered for transfer are judged to be uniquely relevant to the student's degree program.

A course completed at another college or university in which a student earns a grade below C cannot be used in degree programs. USCS uses all grades (with the exception of grades for remedial courses and courses taken on a pass-fail basis) listed on transcripts of other institutions in the calculation of the transfer GPA. Therefore, the GPA as calculated by USCS may be different than the one appearing on the transcript of another institution. A GPA calculated by USCS will be used in determining admission to USCS or to a particular program.

## **TRANSFER: State Policies and Procedures Regulations and Procedures for Transfer in Public Two-Year and Public Four-Year Institutions in South Carolina Mandated by Act 137 of 1995**

### **BACKGROUND**

Section 10-C of the South Carolina School-to-Work Transition Act (1994) stipulates that the Council of College and University Presidents and the State Board for Technical and Comprehensive Education, operating through the Commission on Higher Education, shall develop better articulation of associate and baccalaureate degree programs. To comply with this requirement the Commission, upon the advice of the Council of Presidents, established a Transfer Articulation Policy Committee composed of four-year institutions' vice presidents for academic affairs and the associate director for instruction of the State Board for Technical and Comprehensive Education. The principal outcomes derived from the work of that committee and accepted by the Commission on Higher Education on July 6, 1995, were:

An expanded list of 72 courses which will transfer to four-year public institutions of South Carolina from the two-year public institutions; a statewide policy document on good practices in transfer to be followed by all public institutions of higher education in the State of South Carolina, which was accepted in principle by the Advisory Committee on Academic Programs and the Commission; six task forces on statewide transfer agreements, each based in a discipline or broad area of the baccalaureate curriculum.

In 1995, the General Assembly passed Act 137 which stipulated further that the South Carolina Commission on Higher Education "notwithstanding any other provision of whom to the contrary, shall have the following additional duties and functions with regard to the various public institutions of higher education." These duties and responsibilities include the Commission's responsibility "to establish procedures for the transferability of courses at the undergraduate level between two-year and four-year institutions or schools." This same provision is repeated in the legislation developed from the Report of the Joint Legislative Study Committee, which is now moving through the General Assembly during the 1996 session.

Act 137 directs the Commission to adopt procedures for the transfer of courses from all two-year public to all four-year public institutions of higher education in South Carolina. Proposed procedures are listed below. Unless otherwise stated, these procedures shall become effective immediately upon approval by the Commission and shall be fully implemented, unless otherwise stated, by September 1, 1997.

## STATEWIDE ARTICULATION OF 72 COURSES

1. The Statewide Articulation Agreement of 72 courses already approved by the South Carolina Commission on Higher Education for transfer from two- to four-year public institutions shall be applicable to all public institutions, including two-year institutions and institutions within the same system. In instances where an institution does not have synonymous courses to ones on this list, it shall identify comparable courses or course categories for acceptance of general education courses on the statewide list. (See pg. 20-21 for course listings.)

## ADMISSIONS CRITERIA, COURSE GRADES, GPAs, VALIDATIONS

2. All four-year public institutions shall issue annually in August a transfer guide covering at least the following items:

- A. The definition of a transfer student and requirements for admission both to the institution and, if more selective, requirements for admission to particular programs.
- B. Limitations placed by the institution or its programs for acceptance of standardized examinations (e.g., SAT, ACT) taken more than a given time ago, for academic course work taken elsewhere, for course work repeated due to failure, for course work taken at another institution while the student is academically suspended at his/her home institution, and so forth.
- C. Institutional and, if more selective, programmatic maximums of course credits allowable in transfer.
- D. Institutional procedures used to calculate student applicants' GPAs for transfer admission. Such procedures shall describe how nonstandard grades (with-

drawal, withdrawal failing, repeated course, etc.) are evaluated; and they shall also describe whether all course work taken prior to transfer or just course work deemed appropriate to the student's intended four-year program of study is calculated for purpose major.

- E. Lists of all courses accepted from each technical college (including the 72 courses in the Statewide Articulation Agreement) and the course equivalencies (including &" elective"; category) found on the home institution for the courses accepted.
  - F. Lists of all articulation agreements with any public South Carolina two-year or other institution of higher education, together with information about how interested parties can access these agreements.
  - G. Lists of the institution's Transfer Officer(s) personnel together with telephone and FAX numbers and office address.
  - H. Institutional policies related to "academic bankruptcy" (i.e., removing an entire transcript or parts thereof from a failed or underachieving record after a period of years has passed) so that reentry into the four-year institution with course credit earned in the interim elsewhere is done without regard to the student's earlier record.
1. "Residency requirements" for the minimum number of hours required to be earned at the institution for the degree.
3. Course work (individual courses, transfer blocks, statewide agreements) covered within these procedures shall be transferable if the student has completed the course work with a "C" grade (2.0 on a 4.0 scale) or above, but transfer of grades does not relieve the student of the obligation to meet any G.P.A. requirements or other admissions requirements of the institution or program to which application has been made.
- A. Any four-year institution which has institutional or programmatic admissions requirements for transfer students with cumulative grade point averages (GPAs) higher than 2.0 on a 4.0 scale shall apply such entrance requirements equally to transfer students from regionally accredited South Carolina public institutions regardless of whether students are transferring from a four-year or two-year institution.
  - B. Any multi-campus institution or system shall certify by letter to the Commission that all course work at all of its campuses applicable to a particular degree program of study is fully acceptable in transfer to meet degree requirements in the same degree program at any other of its campuses.
4. Any course work (individual courses, transfer blocks, statewide agreements) covered within these procedures

shall be transferable to any public institution without any additional fee and without any further encumbrance such as a "validation examination," "placement examination/instrument," "verification instrument," or any other stricture, notwithstanding any institutional or system policy, procedure, or regulation to the contrary.

## **TRANSFER BLOCKS, STATEWIDE AGREEMENTS, COMPLETION OF THE AA/AS DEGREE**

5. The following Transfer Blocks /Statewide Agreements taken at any two-year public institution in South Carolina shall be accepted in their totality toward meeting baccalaureate degree requirements at all four-year public institutions in relevant four-year degree programs, as follows:

Arts, Humanities, and Social Sciences : Established curriculum block of 46-48 semester hours. Business Administration: Established curriculum block of 46-51 semester hours.

Engineering: Established curriculum block of 33 semester hours.

Science and Mathematics: Established curriculum block of 48-51 semester hours.

Teacher Education: Established curriculum block of 38-39 semester hours for Early Childhood, Elementary, and Special Education students only. Secondary education majors and students seeking certification who are not majoring in teacher education should consult the Arts, Humanities, and Social Sciences or the Math and Science transfer blocks, as relevant, to assure transferability of course work.

\*Nursing: By statewide agreement, at least 60 semester hours shall be accepted by any public four-year institution toward the baccalaureate completion program (BSN) from graduates of any South Carolina public associate degree program in nursing (ADN), provided that the program is accredited by the National League of Nursing and that the graduate has successfully passed the National Licensure Examination (NCLEX) and is a currently licensed Registered Nurse.

6. Any "unique" academic program not specifically or by extension covered by one of the statewide transfer blocks/agreements listed in #4 above shall either create its own transfer block of 35 or more credit hours with the approval of CHE staff or shall adopt either the Arts/Social Science/Humanities or the Science/Mathematics block by September, 1996. The institution at which such program is located shall inform the staff of the CHE and every institutional president and vice president for academic affairs about this decision.

7. Any student who has completed either an Associate of Arts or Associate of Science degree program at any public two-year South Carolina institution which contains

within it the total course work found in either the Arts/Social Sciences/Humanities Transfer Block or the Math/Science Transfer Block shall automatically be entitled to junior-level status at whatever public senior institution to which the student might have been admitted.

## **RELATED REPORTS AND STATEWIDE DOCUMENTS**

8. All applicable recommendations found in the Commission's report to the General Assembly on the School-to-Work Act (approved by the Commission and transmitted to the General Assembly on July 6, 1995) are hereby incorporated into the procedures for transfer of course work among two- and four-year institutions.

9. The policy paper entitled State Policy on Transfer and Articulation, as amended to reflect changes in the numbers of transfer blocks and other Commission action since July 6, 1995, is hereby adopted as the statewide policy for institutional good practice in the sending and receiving of all course credits to be transferred.

## **ASSURANCE OF QUALITY**

10. All claims from any public two- or four-year institution challenging the effective preparation of any other public institution's course work for transfer purposes shall be evaluated and appropriate measures shall be taken to reassure that the quality of the course work has been reviewed and approved on a timely basis by sending and receiving institutions alike. This process of formal review shall occur every four years through the staff of the Commission on Higher Education, beginning with the approval of these procedures.

**CHIEF TRANSFER OFFICERS,**  
**Donette Stewart**, director of admissions  
864-503-5246, dstewart@uscs.edu  
or

**Eb Barnes**, coordinator of University Center programs  
864-250-8870, ebarnes@uscs.edu

## **C. Readmission**

Students whose undergraduate attendance at any USC campus has been interrupted for any reason for one or more major semesters (spring/fall) must apply for readmission. An application fee is not required. Readmission to USCS and to the program in which the student was previously enrolled is not automatic. Former students who have attended other institutions after leaving the University of South Carolina are considered transfer students and should follow the procedures for transfer admission. Students who wish to return to the University after being suspended should refer to page 46 for more information. Students who are on academic probation must obtain at least a 2.0 average on the first 12 or more grade hours attempted under this status. These hours may be taken over more than one semester. Students failing to meet this

requirement are suspended. Students who leave the University without completing a term of probation, and are absent for three or more years, will begin a new term of probation upon readmission.

### **Registration**

Upon readmission, students should contact the office of their major for an advisement and registration appointment.

### **D. International**

Applicants who are citizens of a country other than the United States and who do not have permanent resident status are classified as international students. In addition to meeting general admissions requirements, applicants are required to :

- a. submit official school records (transcripts, diplomas or certificates of study), translated to English; transcripts must be evaluated by World Education Services (WES) to receive transfer credit, WES applications are available in the admissions office;
- b. present a minimum Test of English as a Foreign Language (TOEFL) score of 500 (paper based) or 173 (computer based); TOEFL is not required of students whose native language is English;
- c. be academically and otherwise eligible to return to the last college attended;
- d. have a minimum SAT I score of 850;
- e. provide documentation of health insurance;
- f. meet freshman/transfer requirements if applicant has attended school in the United States; and
- g. submit bank statements or certified statement of financial ability to pay all education expenses.

It is suggested that international students submit application and credentials at least 90 days before the beginning of the term for which he/she is applying. A Certificate of Eligibility (FORM I-20) is issued to those applicants who meet all requirements for admission to a full-time degree program.

### **II. Non-Degree Seeking Admission**

Applicants who wish to attend USCS for one semester or on some limited basis, and who do not intend to pursue a degree at USCS, may be approved to do so by submitting a Non-Degree Application for Admission and a \$25 non-refundable application fee. The Office of Admissions reserves the right to determine the proper category of admission and to determine what credentials may be required. Applicants who have been officially denied admission are not eligible as non-degree candidates. Students wishing to take any economics (SECO) or business (SBAD) courses must meet the required prerequi-

sites. These prerequisites will be verified by the School of Business in order for students to remain in class. Verification can include a transcript or grade reports.

### **A. Concurrent High School Seniors**

High school seniors may enroll in university courses for college credit. To be considered for this program applicants must submit a SAT score (1000 minimum) and obtain written recommendation from their high school principal or guidance counselor indicating the courses to be taken at USCS.

### **B. Transient**

Admission to undergraduate courses for one semester or summer school may be granted to students from other colleges and universities who are certified to be in good academic standing and whose program of study is approved by that institution.

### **C. Audit**

Applicants who wish to take USCS courses without earning credit may apply for admission as an audit student. Auditing is granted on a space-available basis only.

### **D. Undergraduates with a Bachelor's Degree**

Students who hold a baccalaureate degree may be admitted to undergraduate credit courses upon submission of a transcript showing graduation with a bachelor's degree or a copy of a college diploma. A transcript is needed if the applicant would like assistance in selecting appropriate courses. This category is designed for students who are seeking teacher accreditation or professional development.

### **E. Other**

Students who would like to take courses for personal enrichment or professional enhancement may be admitted to take up to 30 semester hours of credit. After 30 semester hours of credit, a student may apply for admission as a degree candidate. Transcripts are required from the last institution attended to validate that the student is in good academic standing.

### **Registration**

Applicants will be notified of registration procedures by the Office of Admissions.

### **III. Senior Citizens**

Section 59-111-320 of the Code of Laws of South Carolina, 1976, as amended, authorizes state-assisted universities to permit South Carolina residents who have attained the age of 60 to attend classes on a space-available basis without payment of tuition. Applicants must submit an application and a \$25 non-refundable application fee.

Candidates are required to meet admission standards and may take classes for credit or audit.

## Immunization

Before enrollment, all students born after 1956, are required to provide proof of immunization against measles, mumps and rubella. A completed immunization form or copy of an official immunization record, signed by a physician, should be mailed to the USCS Office of Health Services. Questions regarding immunization should be directed to health services at 864-503-5197.

## New Student Services

### Orientation and Registration

**New freshman and transfer students** will choose from several orientation and registration dates. Reservations are made through the Office of Admissions. During the session, students will meet with an advisor and register for classes. Special programs and campus tours are also provided.

### Advisement Testing

**New freshman** have the option of completing math and English testing before orientation according to guidelines mailed to students after admission. Foreign language testing is only available during orientation and registration.

**Transfer students** should set up an appointment with the testing coordinator in the Office of Admissions to schedule any necessary advisement testing.

### Housing

**On-campus housing** is available for new students at University Commons. Applications are processed through the admissions office. Space is limited and students are encouraged to apply as early as possible.

An admissions office representative is available to assist students with locating **off-campus housing**. Cost and other general information regarding local housing options is available. USCS also maintains a website at [www.uscs.edu/och](http://www.uscs.edu/och) for students interested in off-campus housing.

## South Carolina Technical College Suggested Courses For Transfer

USCS	TECH	SEMESTER HOURS
<u>ACCOUNTING</u>		
SBAD 225+226	ACC 101 + 102	6
<u>ANTHROPOLOGY</u>		
SANT 102	ANT 101	3
<u>ART</u>		
SATH 105 or 106	ART 101	3
SART 111	ART 111	3
ELECTIVE 3	ART 105	3
SART 112	ART 112	3
(ARV/Greenville Tech only)		
SART 103	ARV 121	3
SART 105	ARV 101	3
SART 106	ARV 102	3
SART 111	ARV 111	3
SART 201	ARV 261 or CGC 106	3
SART 205	ARV 217	3
SART 211	ARV 240	3
SART 228	ARV 266	3
SART 261	ARV 114	3
SART 291	ARV 161	3
<u>ASTRONOMY</u>		
SAST 111 + L	AST 101 or 102	4
<u>BIOLOGY</u>		
SBIO 110	BIO 101	4
SBIO 101 + 102	BIO 101 + 102	8
SBIO 102	BIO 201	4
SBIO 101	BIO 202	4
SBIO 270	BIO 205	4
SBIO 232 + 242	BIO 210 + 211	8
SBIO 232	BIO 215	4
SBIO 242	BIO 216	4
ELECTIVE 5	BIO 225	4
ELECTIVE	BIO 240	3
<u>CHEMISTRY</u>		
SCHM 101	CHM 110	4
SCHM 111	CHM 110	4
SCHM 112	CHM 111	4
SCHM 102	CHM 112	4
SCHM 105 + 107L	CHM 106	4
ELECTIVE 5	CHM 107	4
SCHM 211	CHM 211	4
SCHM 212	CHM 212	4
<u>COMPUTER SCIENCE</u>		
SCSC 138	CPT 101	3
SCSC 210	CPT 125 or 126	3
SCSC 231	CPT 211	3
SCSC 232	CPT 115, 116 or 215	3
SCSC 233	CPT 120	3
SCSC 235	CPT 132	3
ELECTIVE 7	CPT 216, 221, or 242	3
<u>CRIMINAL JUSTICE</u>		
SCRJ 101	CRJ 101	3
ELECTIVE	CRJ 115	3
ELECTIVE	CRJ 125	3
ELECTIVE	CRJ 210	3
ELECTIVE	CRJ 215	3
ELECTIVE	CRJ 224	3
ELECTIVE	CRJ 236	3
ELECTIVE	CRJ 242	3
ELECTIVE	CRJ 244	3
<u>ECONOMICS</u>		
SECO 221	ECO 210	3
SECO 222	ECO 211	3
SECO 291	MAT 120	3
SECO 292	MAT 220	3
ELECTIVE 4	ECO 201	3
ELECTIVE 4	ECO 205	3
<u>ENGLISH</u>		
SEGL 101	ENG 101	3
SEGL 102	ENG 102	3
SEGL 218	ENG 218	3
SEGL 225	ENG 222	3
SEGL 230	ENG 230	3
SEGL 279	ENG 201	3
SEGL 280	ENG 202	3

continued



USCS	TECH	SEMESTER HOURS	USCS	TECH	SEMESTER HOURS
SEGL 289	ENG 205	3	SPHS 212	PHY 222	4
SEGL 290	ENG 206	3	ELECTIVE	PHY 223	4
SEGL 275	ENG 208	3			
SEGL 276	ENG 209	3	<u>POLITICAL SCIENCE</u>		
ELECTIVE	ENG 203	3	Refer to Government and International Studies		
ELECTIVE	ENG 214	3			
ELECTIVE	ENG 260	3	<u>PSYCHOLOGY</u>		
ELECTIVE 3	ENG 230	3	SPSY 101	PSY 201	3
<u>FRENCH</u>			SPSY 225	MAT 120	3
SFRN 101	FRE 101	3	SPSY 302	PSY 203	3
SFRN 102	FRE 102	3	ELECTIVE 4	PSY 115	3
SFRN 201	FRE 201	3	SPSY 208	PSY 208	3
SFRN 202	FRE 202	3	SPSY 212	PSY 212	3
<u>GEOGRAPHY</u>			<u>RELIGION</u>		
SGEG 103	GEO 101	3	SREL 103	REL 201	3
ELECTIVE 4	GEO 102	3	ELECTIVE 3	REL 101	3
ELECTIVE 4	GEO 260	3			
<u>GERMAN</u>			<u>SOCIOLOGY</u>		
SGRM 101	GER 101	3	SSOC 101	SOC 101	3
SGRM 102	GER 102	3	SSOC 102	SOC 102	3
SGRM 201	GER 201	3	SSOC 205	SOC 205	3
SGRM 202	GER 202	3	SSOC 206	SOC 206	3
			SSOC 210 or SCRJ 210	SOC 210	3
			SSOC 225	MAT 120	3
			SSOC 235	SOC 235	3
			ELECTIVE 4	SOC 151	3
<u>GOVERNMENT &amp; INTERNATIONAL STUDIES</u>			ELECTIVE 4	SOC 205	3
SGIS 201	PSC 201	3	ELECTIVE 4	SOC 220	3
ELECTIVE 4	PSC 205	3	ELECTIVE 4	SOC 230	3
SGIS 215	PSC 215	3	ELECTIVE 4	SOC 235	3
ELECTIVE 4	PSC 220	3			
<u>HISTORY</u>			<u>SPANISH</u>		
SHST 111	HIS 102	3	SSPN 101	SPA 101	3
SHST 112	HIS 112	3	SSPN 102	SPA 102	3
ELECTIVE 3	HIS 101	3	SSPN 201	SPA 201	3
ELECTIVE 3	HIS 201	3	SSPN 202	SPA 202	3
ELECTIVE 3	HIS 202	3			
ELECTIVE 3	HIS 115	3	<u>SPEECH</u>		
ELECTIVE 3	HIS 205	3	SSPH 201	SPC 205	3
ELECTIVE 3	HIS 210	3	ELECTIVE	SPC 209	3
ELECTIVE 3	HIS 215	3	ELECTIVE	SPC 210	3
<u>IDS</u>			<u>THEATRE</u>		
ELECTIVE 3	IDS 101	3	STHE 161	THE 101	3
<u>JOURNALISM</u>					
ELECTIVE 3	JOU 101	3			
<u>LOGIC</u>					
SLGC 207	PHL 105	3			
<u>MATHEMATICS</u>					
SMTH 121,126 or 120	MAT 110	3			
SMTH 127	MAT 111	3			
SMTH 126 + 127	MAT 112	5			
SMTH 201	MAT 120	3			
SPSY 225	MAT 120	3			
SSOC 225	MAT 120	3			
SECO 291	MAT 120	3			
SMTH 120	MAT 122	3			
SMTH 122	MAT 130	3			
SMTH 174	MAT 132	3			
SMTH 143, 144 243 + 244	MAT 140 + 141 + 240	12			
SMTH 143	MAT 140	3			
SMTH 144	MAT 141	3			
SMTH 221	MAT 211	3			
SMTH 222	MAT 215	3			
SECO 292	MAT 220	3			
SMTH 243	MAT 240	3			
SMTH 245	MAT 242	3			
ELECTIVE 2	MAT 230	3			
ELECTIVE 2	MAT 235	3			
<u>MUSIC</u>					
SMUS 110	MUS 105	3			
<u>PHILOSOPHY</u>					
SPHL 102	PHI 101	3			
SLGC 207	PHI 105	3			
ELECTIVE	PHI 108	3			
ELECTIVE 3	PHI 110	3			
ELECTIVE 3	PHI 115	3			
ELECTIVE 3	PHI 201	3			
<u>PHYSICAL SCIENCE</u>					
SPHS 101 + 101L	PHS 101	4			
ELECTIVE 5	PHS 102	4			
<u>PHYSICS</u>					
SPHS 201	PHY 201	4			
SPHS 202	PHY 202	4			
SPHS 211	PHY 221	4			



## *Financial Aid*

## Purpose and Eligibility

USCS offers a full range of financial assistance programs designed to assist students and their families with the cost of education. These programs provide financial aid resources in the form of grants, scholarships, loans and employment opportunities. These resources are awarded to students based on financial need, academic promise, leadership potential, special talents, or a combination of these criteria. Descriptions of these programs and their requirements may be found in the following pages of this catalog. In 2000-01, approximately 78 percent of USCS students received financial assistance totaling more than \$15 million.

Eligibility for assistance based on financial need is determined by completing a federally approved needs analysis form or Free Application for Federal Student Aid (FAFSA). The FAFSA calculates how much the student and family can contribute toward the cost of college from current income and resources. The difference between what the family can contribute and the cost of education is the student's financial need. USCS seeks to identify and provide funds to meet the financial needs of its students. To the extent resources are available, it is intended that no student be denied an education because of financial need.

Financial assistance programs have individual requirements in addition to a demonstration of financial need through completion of the FAFSA. These requirements generally include, but are not limited to, enrollment in good standing in a program of study leading to a degree or teaching certificate, enrollment in a minimum number of hours each semester, and maintenance of satisfactory academic progress. Students receiving state, federal or institutional financial aid must be enrolled in 12 or more USCS hours to be considered full-time for financial aid purposes.

## Satisfactory Academic Progress

Institutions participating in Title IV federal financial aid programs are required by the U.S. Department of Education to establish institutional policies that define satisfactory academic progress. All students who receive federal or institutional financial assistance at the University of South Carolina Spartanburg are expected to maintain satisfactory progress toward completion of their programs of study in a reasonable period of time. Financial assistance programs covered by this policy include all federal financial aid programs (Federal Pell Grant, Federal Supplemental Educational Opportunity Grant, Federal Subsidized and Unsubsidized Stafford Loans, Federal Perkins Loans, Federal Parent Loans for Undergraduate Students, and Federal Work-Study), South Carolina Teacher Loans, State Need Based Grant and institutional financial assistance programs (athletic grants and minority incentive grants).

The following policy has been approved by the USCS Financial Aid Committee. Students are considered to be making satisfactory academic progress if they:

1. are admitted and enrolled as degree or certificate students;

2. meet the university standards for continued enrollment as specified in the "Academic Standing" section of this catalog;
3. complete requirements for a degree or certificate within a reasonable length of time as specified below and on the following page:
  - a. The total number of semesters of full-time enrollment (12 or more semester hours attempted) at any post-secondary institution does not exceed 10 semesters for a four-year degree or five semesters for a two-year degree or certificate;
  - b. The total number of semesters of part-time enrollment (fewer than 12 semester hours attempted) does not exceed the equivalent of 10 full-time semesters for a four-year degree or the equivalent of five full-time semesters for a two-year degree or certificate; and
4. earn no fewer than the following specified hours of undergraduate semester hours per academic year (includes fall, spring and summer terms). Classification as full-time, three-quarter-time or half-time is determined at the end of the 100% refund period each semester, which is the last day of registration. Therefore, withdrawing from courses at any time after the last day of registration and not earning the required number of hours fails to meet satisfactory academic progress requirements. The State Need Based Grant Program requires these hours to be earned during fall and spring semesters.

Full-time student (12 or more hours attempted a semester)

1st year	24 hours per academic year
2nd year	24 hours per academic year or 48 hours total
3rd year	24 hours per academic year or 72 hours total
4th year	24 hours per academic year or 96 hours total
5th year	24 hours per academic year or 120 hours total

Three-quarter-time student (9-11 hours attempted a semester)

1st year	18 hours per academic year
2nd year	18 hours per academic year or 36 hours total
3rd year	18 hours per academic year or 54 hours total
4th year	18 hours per academic year or 72 hours total
5th year	18 hours per academic year or 90 hours total
6th year	18 hours per academic year or 108 hours total
7th year	18 hours per academic year or 120 hours total

Half-time student (6-8 hours attempted a semester)

1st year	12 hours per academic year
2nd year	12 hours per academic year or 24 hours total

3rd year	12 hours per academic year or 36 hours total
4th year	12 hours per academic year or 48 hours total
5th year	12 hours per academic year or 60 hours total
6th year	12 hours per academic year or 72 hours total
7th year	12 hours per academic year or 84 hours total
8th year	12 hours per academic year or 96 hours total
9th year	12 hours per academic year or 108 hours cumulative
10th year	12 hours per academic year or 120 hours total

### ***Second Degree or Certification Students***

Students seeking a second degree or teacher certification with an undergraduate degree are required to appeal. The student must explain why a second degree or career change is required, be accepted by the school or division to which the student is applying, and have an anticipated graduation date determined by the faculty advisor. If the student's plan is deemed reasonable and all documentation is provided, an extension of eligibility will be granted for a maximum of four (4) full-time equivalency semesters or anticipated graduation date.

### ***Transfer Students***

Transfer students receiving unqualified admission to the University will be considered to be making satisfactory academic progress for financial aid at the time of enrollment unless the total number of hours attempted at all post-secondary institutions exceeds the equivalent of 10 full-time semesters.

Eligibility for financial assistance is limited to a total of the equivalent of 10 full-time semesters of enrollment at all post-secondary institutions attended for a bachelor's degree and 5 full-time semesters of enrollment for an associate's degree in nursing.

### ***Academic Suspension***

Students readmitted following a suspension will be eligible for financial aid if they meet all other aid eligibility requirements. These students must earn a 2.0 grade point average on the first 12 hours attempted following readmission to maintain further financial aid eligibility. Following completion of these 12 hours, subsequent financial aid eligibility will be determined by conditions 2, 3 (a and b) and 4 described previously.

Students serving suspensions will not be eligible for financial aid during periods of open enrollment. Students not making satisfactory academic progress are not eligible for financial aid.

### ***Appeal Process***

If a student's ability to meet these standards was affected by extenuating circumstances, he or she may appeal this determination. Information concerning the appeals process is available in the Office of Financial Aid and Scholarships. Students not meeting these standards at

the end of spring term are expected to attend summer school to make up deficit hours or improve the cumulative grade point average. Incomplete appeals will be returned upon receipt.

## ***Grants***

**Federal Pell Grants** are designed to be the foundation of financial aid. Their purpose is to ensure that all eligible students have at least some of the money needed to continue their education after high school. The amount of a Federal Pell Grant award depends on a student's financial need, the cost of the student's education, and the amount of time the student is enrolled during the school year.

**Federal Supplemental Educational Opportunity Grants** are awarded to a very limited number of students with the greatest financial need. The grants are restricted due to the shortage of appropriated federal funds, with preference to Federal Pell Grant recipients.

## ***Loans***

### ***Campus-based Loans***

**Federal Perkins Loans** permit students to borrow money from the federal government through the University on a need basis. Repayment and interest begin nine months after graduation, leaving school, or dropping below half-time enrollment. The interest rate is 5 percent per year and repayment may be extended over a period of 10 years.

### ***Federal Family Education Loan Program (FFELP)***

**Federal Subsidized Stafford Loan Program** is a need-based program that allows students to borrow for educational expenses. Interest rates are variable for borrowers with no outstanding FFELP loans and stand at 7.59 percent in school and 8.19 during repayment through July 2000-June 30, 2001. The federal government pays the interest on these loans as long as students are enrolled on at least a half-time basis. Lenders charge an origination fee and insurance fees not to exceed 3 percent, which are deducted from the approved amount of the loan.

Loan eligibility is based on financial need, class standing, and anticipated graduation date. Students who have not completed the first 30 hours of an undergraduate degree may borrow up to \$2,625 a year. Students with sophomore class standing may borrow up to \$3,500 annually and those classified as juniors and seniors may borrow up to \$5,500 annually. Students enrolled in two-year degree programs such as the associate degree nursing program may not borrow more than \$3,500 annually regardless of the number of hours earned.

**Unsubsidized Federal Stafford Loan Program** is available for students who do not qualify, in whole or in part, for the Federal Subsidized Stafford Loan. The terms for this loan are the same as those described for the Federal

Subsidized Stafford Loan Program with the following exceptions.

1. The annual loan limits for dependent, undergraduate students are the same as those for the Subsidized Stafford Loan. The annual loan limits for independent, undergraduate students are as follows: \$6,625 for students who have not completed the first 30 hours of an undergraduate degree, \$7,500 for students with sophomore class standing, and those students classified as juniors and seniors may borrow up to \$10,500 annually. Students enrolled in two-year degree programs such as the associate degree nursing program may not borrow more than \$7,500 annually regardless of the number of hours earned.
2. The federal government does not pay interest on behalf of the student while enrolled in school. Students must pay all interest on the loan monthly or quarterly. Lenders may agree to add interest to the principal of the loan with repayment beginning after the student ceases to be enrolled on at least a half-time basis.

**Federal Parent Loans for Undergraduate Students (PLUS)** allow parents to borrow up to the cost of education less other aid received each year without regard to income. A credit check is required of all parent borrowers. Repayment of principal and interest begins within 60 days after disbursement. The variable interest rate through June 30, 2001, will be 8.99 percent. The rate will be determined by the U.S. Secretary of Education according to the formula prescribed by Congress. The interest rate for PLUS loans first disbursed on or after July 1, 1994, will be variable, but not higher than nine percent. Parents will pay an origination fee of three percent and an insurance fee which may not exceed one percent of the approved amount of the loan. These fees will be deducted proportionately from each disbursement made.

### *State Financial Aid Programs*

**Legislative Incentives for Future Excellence (LIFE) Scholarships** was approved by the General Assembly during the 1998 legislative session and signed into law by Governor David Beasley on Friday, June 19, 1998. This Bill authorizes funding for scholarships in the amount of \$3000 per year to eligible students attending 4-year public and independent colleges and universities, and \$1000 scholarships to students attending 2-year public and independent colleges and universities in South Carolina. The law also provides a refundable \$850 tuition tax credit (or \$350 in the case of two-year institutions) for tuition paid at an eligible college or university. Students must be enrolled in 12 or more USCS hours to be considered full-time for state program purposes.

Program regulations were finalized in January 1999. An incomplete summary of criteria follows:

Scholarship criteria:

S. C. resident

3.0 USC grade point average on 4.0 scale

SAT score of 1050 (or equivalent) for entering freshmen for 2001-2002.

No felony drug or alcohol convictions

Graduated from high school May 1995 or after

Full-time degree-seeking undergraduate student

Additional eligibility requirements for college students:

First-year students who have completed a minimum 30 semester credit hours

Second-year students who have completed a minimum of 60 semester credit hours

Third-year students who have completed a minimum of 90 semester credit hours

3.0 grade point average on a 4.0 scale

**Life Scholarships** are awarded by the Office of Financial Aid based on data provided by the Office of Admissions and the Office of the Registrar.

**State Need Based Grant** was created for implementation fall 1996 by the S. C. General Assembly to provide additional financial assistance to South Carolina's neediest students. Students must demonstrate financial need by filing the Free Application for Federal Student annually, be a resident of South Carolina, and enrolled or accepted for enrollment in a public institution in South Carolina and be seeking for the first time an associate or baccalaureate degree or other recognized credential as authorized by the Commission Higher Education or the State Board for Technical and Comprehensive Education. The value of the grants range from \$200 to \$2,500 per academic year. Renewal applicants must have earned at least 24 semester hours during the prior fall and spring semesters, maintain a cumulative 2.0 grade point average in addition to maintaining Satisfactory Academic Progress, and enroll in 12 or more USCS hours to be considered full-time.

**S. C. Teacher Loan Program** was established by the State of South Carolina through the Education Improvement Act of 1984 to entice talented and qualified students into the teaching profession. This loan is canceled by teaching in South Carolina public schools in an area of critical need. Due to limited funding, meeting all criterion deadlines does not mean you will be accepted into the Teachers Loan Program.

Freshmen and sophomores may borrow up to \$2,500 per year. Juniors, seniors and graduate students may borrow up to \$5,000 per year. Eligibility criteria include being:

a United States citizen and a resident of South Carolina

enrolled in good standing at an accredited institution on at least a half-time basis

enrolled in a program of teacher education, or have expressed an intent to enroll in such a program

an entering freshman ranked in the top 40% of their high school graduating class and have a SAT/ACT score equal to or greater than the S.C. average for the year of graduation from high school or the most recent year for which such figures are available (currently 966 SAT, 19.3 ACT)

an enrolled undergraduate student must have taken and passed the Praxis I Exam and have at least a 2.75 on a 4.0 scale

an entering graduate student must have at least a 2.75 grade point average on a 4.0 scale, have completed at least one term with a 3.5 grade point average on a 4.0 scale or better and must be seeking initial certification in a critical subject area if already holding a teaching certificate.

### *Work Opportunities*

Job opportunities are available to USCS students through a variety of programs: Federal Work-Study, Community Services Program, Job Location and Development Program, and the Student Assistant Program. The primary purpose of these programs is to provide a financial resource to students for educational expenses; however, these jobs may also provide valuable work experience. USCS students work in a variety of jobs on and off campus. The pay scale is determined by the specific job description and the skills or experience of the student being hired. Students employed on campus are generally limited to working no more than 20 hours each week during periods of regular enrollment.

### *Scholarships*

USCS strongly supports the recognition of students who possess the potential to return the benefits of a quality university education to our society. Scholarships are awarded to students based on demonstrated academic ability, financial need, career plans, educational goals and community service.

### *USCS Scholars Program*

The USCS Scholars Program for new and continuing students assists academically talented individuals in their pursuit of higher education. The prestigious awards are given to students who have shown their potential through academic merit. USCS and the upstate region will benefit from the leadership and academic excellence these scholars bring to campus. Scholarships will be awarded to

eligible students; however, the number of awards available will be determined by the University. Early application for admission to USCS is encouraged for students to be considered for new student scholarships. Contact the Office of Admissions for more information.

**CHANCELLOR SCHOLARSHIPS** are full-tuition and fees scholarships that are awarded annually to entering freshmen who are graduates of South Carolina public and private high schools and meet the following criteria: present a minimum SAT I score of 1,200 or ACT score of 27, rank in the top 10% of their high school class and have a minimum grade point average of 3.5 **OR** the number one or two student from a historically under-represented ethnic group at the University who ranks in the top 10% of their high school class with a minimum GPA of 3.5.

**VALEDICTORIAN SCHOLARSHIPS** are full-tuition and fees scholarships that are awarded annually to entering freshmen who are graduates of South Carolina public and private high schools, who are ranked first in their class at time of admission to the University, or upon high school graduation. In addition, Valedictorian Scholars must present a minimum SAT I score of 1,000 or ACT score of 24.

**METROPOLITAN SCHOLARSHIPS** are \$2,000 scholarships that are awarded annually to entering freshmen who are graduates of South Carolina public or private high schools and meet the following criteria: present a minimum SAT I score of 1,100 or ACT score of 24, rank in top 10% of their high school class and minimum GPA of 3.25 **OR** the number one or two student from a historically under-represented ethnic group at the University with a minimum GPA of 3.25.

**TRANSFERSCHOLARSHIPS** are \$2,000 scholarships that are awarded annually to entering transfer students (coming from two-year colleges) who are legal residents of South Carolina and who have earned at least 60 semester hours of transferable credit **OR** have earned Associate of Arts or Science degrees from an accredited college. Candidates must have a minimum GPA of 3.50. This scholarship is available to the recipient for two academic years (four semesters—fall and spring, not summer).

**TRANSFER II SCHOLARSHIPS** are \$1,000 scholarships that are awarded annually to entering transfer students who are legal residents of South Carolina and have earned 30 semester hours of transferable credit from an accredited college. Candidates must have a minimum GPA of 3.50. This scholarship is available to the recipient for three academic years (six semesters—fall and spring, not summer).

**NATIONAL MERIT SCHOLARSHIPS** are annual awards through the National Merit Scholarship Program. The competition for these awards begins when the students take the PSAT/NMSQT in their junior year of high school. Students eligible to continue in the National Merit competition are contacted by the National Merit Scholarship Corporation. At USCS, Merit Scholarships are \$500 annually and are renewable for four years of undergraduate study if the student maintains at least a 3.0 GPA. Students receiving other general USCS scholarships may also receive a Merit Scholarship; the total general USCS scholarship package for such students, however, may not exceed the resident, on-campus, cost-of-attendance figure. To be eligible, students must be accepted by USCS, be designated a National Merit finalist, and have listed USCS as their first choice on the National Merit application.

**RENEWAL POLICY:** Chancellor, Valedictorian and Metropolitan scholarships are renewable for seven additional consecutive semesters providing the student maintains a cumulative GPA of 3.0 and earns a minimum 24 semester hours during the fall and spring semesters. Transfer scholarships are renewable for three additional consecutive semesters and Transfer II scholarships are renewable for five additional consecutive semesters providing the student maintains a cumulative USCS GPA of 3.0 and earns a minimum of 24 semester hours during the fall and spring semesters.

## *Foundation Scholars Program*

Funded and endowed scholarships are awarded annually to qualified students. Students may obtain applications from the financial aid office or from the USCS web site after December 1 each year. The application deadline is **February 1** unless otherwise indicated in the scholarship definition.

The **ADMINISTRATIVE EMPLOYEES CLUB SCHOLARSHIP** is awarded to an undergraduate, degree-seeking student who is enrolled for a minimum of six credit hours each semester. The recipient must have financial need. Freshman recipients must have at least a 2.5 GPA in high school. USCS recipients must have at least a 2.5 cumulative grade point average earned at USCS. Preference is given to USCS employees, their spouses, children or stepchildren. The scholarship may be renewed provided the student maintains a cumulative GPA of 2.5.

The **ADULT LEARNER'S SCHOLARSHIP** is an award of \$250 to a student who is at least 25 years of age and is enrolled in at least six credit hours. Candidates must be pursuing a bachelor's degree for the first time or resuming

baccalaureate studies after a minimum five-year absence. Eligible students must have financial need and must submit in writing their goals and reasons for seeking a degree.

**MARY BLACK SCHOOL OF NURSING SCHOLARSHIPS** are awards of \$500 made to full-time sophomores seeking the associate degree in technical nursing who have financial need, have a record of service to the University and community, have a 3.0 GPA in nursing courses and have a 2.5 GPA in all other courses. Another award of \$500 is made to a senior (as of fall semester) seeking the Bachelor of Science in Nursing who has financial need, has a record of service to the University and community, has a 3.0 GPA, and has a 3.0 in all nursing courses.

**BUDWEISER OF THE CAROLINAS MINORITY BUSINESS-MARKETING SCHOLARSHIP** is awarded to a South Carolina resident minority student admitted into the upper division of the business-marketing program. The scholarship is valued at \$1,000 and is to be used toward tuition costs. It is renewable provided a cumulative 2.25 GPA is maintained. An internship with Budweiser of Spartanburg is also available.

The **CATES CHANCELLOR'S SCHOLAR ENDOWMENT FUND** was established by Mr. and Mrs. MacFarland Cates. The scholarship is awarded annually to a student who qualifies as a Chancellor's Scholar within the USCS Scholars Program.

The **MARTIE G. CHASTAIN MEMORIAL SCHOLARSHIP** is an award of \$225 to a full-time junior or senior business administration major with a 2.5 GPA and who is employed at least 15 hours per week.

The **COLLEGE OF ARTS AND SCIENCES SCHOLARSHIP** is awarded to a full-time student with at least junior standing, who has a major in the College of Arts and Sciences, and who has a 3.0 GPA.

The **SCHOOL OF EDUCATION SCHOLARSHIP** is an annual award of full tuition for one semester to a student who has completed 75 hours; who has been admitted to the professional program of the School of Education; and who has demonstrated financial need, academic excellence and altruistic goals.

The **TEDE EILENBERG SCHOLARSHIP** is awarded to a student enrolled in a degree program in the School of Business Administration and Economics. The recipient must be a junior or senior, have financial need, and have a minimum GPA of 2.5.

The **GAMMA BETA PHI SCHOLARSHIP** is an award of \$500 to a full-time student 23 years of age or older with

a 3.5 GPA in at least 12 hours at USCS.

The **GORDON SCHOLARSHIPS** are awards of varying amounts to sophomores and juniors who have a 2.0 GPA, service or involvement in school or community, and financial need.

The **JAMES B. GREER SCHOLARSHIP** is an award of \$500 per year to a senior 23 year of age or older whose past education was interrupted by full-time employment, military service, or family responsibilities for a minimum of two years. Criteria include a 2.0 GPA and contributions to USCS through service to student government, publications or the student affairs office.

The **DORIS HANELINE NURSING SCHOLARSHIP** is an award of \$200 to a nursing student who is married with children and who is pursuing a second career. Other criteria include financial need and academic ability (3.0 GPA for continuing students). Preference is given to a student intending to work two years in Spartanburg County.

The **INMAN-RIVERDALE FOUNDATION NURSING SCHOLARSHIPS** are full-tuition awards given to two incoming freshman associate degree nursing students for four semesters and one summer session. Priority preferences in selecting recipients are: a child of an Inman Mills employee, a resident of Inman or Enoree, or a resident of Spartanburg County; financial need; character, aptitude, leadership, scholastic qualities, and an agreement to work full-time as a registered nurse in Spartanburg, Polk, Union, Laurens, or Greenville counties for two years following graduation.

The **HENRY D. JACOBS, JR. ENDOWED SCHOLARSHIP** is a renewable scholarship of up to \$2,500 per year available to a freshman commuting student who is enrolled full-time. The recipient must have demonstrated excellent admissions credentials and financial need. Upon request the scholarship will automatically be renewed for the recipient who earns a 2.75 GPA at the end of the freshman year and a 3.0 GPA at the end of each succeeding year.

The **JACOBS ENDOWMENT FOR MINORITY TEACHERS SCHOLARSHIPS** was created at USCS in 1993. Proceeds from the endowment will be awarded to minority students who plan to enter the teaching profession.

The **J. DAVIS KERR** award of \$400 goes to a student who is either preparing for law school or is playing on the women's basketball team.

The **USCS MATHEMATICS SCHOLARSHIP** is awarded to an incoming freshman interested in pursuing

a degree in mathematics. Recipient must have at least a 3.5 high school grade point average and SAT score of at least 1,100. The scholarship is awarded to full-time students and may be renewable for up to seven semesters provided the student continues to major in mathematics, maintains an overall 3.0 grade point average, and a 3.0 in mathematics courses.

The **NANCY P. MOORE ENGLISH SCHOLARSHIP** was established to honor Dr. Nancy Moore for her commitment to scholarship and teaching at USCS and her service in the upstate community. Recipient must be a full-time English major who has sophomore or upper class standing with a minimum cumulative GPA of 2.5. Recipients must also be involved in some type of volunteer work.

**NATURAL SCIENCES AND ENGINEERING SCHOLARSHIPS** are awarded in the spring and fall semester to students enrolled in programs leading to a Bachelor of Science degree in biology, including pre-professional tracks and chemistry. A maximum of one-half semester tuition may be awarded to an applicant. The requirement is a minimum GPA of 3.0 on at least 60 semester hours credit by the end of the term in which the application is submitted. At least 30 credit hours must have been earned at USCS.

**NATURAL SCIENCES AND ENGINEERING PRE-PROFESSIONAL SCHOLARSHIPS** are awarded in the spring and fall semester to students enrolled in pre-professional tracks in which the Bachelor of Science degree is not completed at USCS. A maximum of one-quarter semester's tuition may be awarded to an applicant. The requirement is a minimum GPA of 3.0 on at least 30 semester hours credit by the end of the term in which the application is submitted. At least 15 credit hours must have been earned at USCS by the end of the term in which the application is submitted.

The **OB/GYN SOCIETY OF SPARTANBURG SCHOLARSHIP** is an endowed scholarship to be awarded annually to a BSN candidate entering his or her senior year at USCS who is a resident of South Carolina, plans to specialize in OB/GYN nursing, and plans to practice for at least two years in Spartanburg County. Priority will be given to nurses who have been working in OB/GYN units in Spartanburg County hospitals.

The **RICK O'BRIEN MEMORIAL** is a scholarship of \$400 awarded to a full-time junior or senior business administration major with a concentration in accounting. The recipient must have a 3.0 grade point average and be employed a minimum of 10 hours per week. Preference is given to a student involved in community volunteer work.



The **OLNEY SCHOLARSHIPS** are funded by the Spartanburg County Foundation. There are five awards of \$1,000 each to Spartanburg County residents having completed one year of full-time study at USCS with a 3.0 GPA. Recipients must demonstrate financial need, campus citizenship and character. One non-recurring award of \$1,000 is made to a resident of Spartanburg County who is not presently attending college. Recipients must be 23 years of age, or have been out of school for three years, must enroll in six to eight hours, and must show financial need, campus citizenship and character.

The **PALMETTO BANK SCHOLARSHIP** is an award of \$500 for a resident of Upstate South Carolina. The recipient must be a full-time business major with financial need.

The **MATTHEW POLIAKOFF SCHOLARSHIP** is an award of \$500 to a junior with financial need, who has a 3.0 GPA, and is majoring in political science or business administration, or is following a pre-law program. Preference is given to students who demonstrate an interest in and plan to participate in governmental processes.

The **POLITICAL SCIENCE SCHOLARSHIP** is awarded during the spring semester to a student who is a full-time junior political science major with an overall GPA of 3.25. Candidate must show potential for graduate work in a political science-related field.

The **PRYM-DRITZ BUSINESS SCHOLARSHIP** is \$500 awarded to a School of Business senior (candidate for graduation during the year of the award—minimum of 30 hours taken at USCS).

The **PRYM-DRITZ NON-TRADITIONAL STUDENT SCHOLARSHIP** is awarded to a School of Business major, preferably one beginning or resuming college work after an extended period of absence from academic studies.

The **REXAM SCHOLARSHIP** is a \$500 scholarship awarded to a first-year student in the pre-engineering program at USCS. The award will go to the student with the highest entering grade point average and will be for one year. The award is sponsored by Rexam, Inc.

The **SEYMOUR ROSENBERG SCHOLARSHIP IN JOURNALISM** is a renewable scholarship of up to \$1,000 a year awarded to students on the basis of academic ability, leadership qualities, and school and community involvement. Preference will be given to students who have demonstrated an active interest in print and/or broadcast media. To qualify for renewal the recipient must maintain a 3.0 grade point average and demonstrate active involvement with campus publications or journalism-related activities. To qualify for third- or fourth-year

renewal, a student must maintain a 3.0 grade point average, demonstrate active involvement in journalism-related activities, and pursue upper division studies in journalism.

**ROTC SCHOLARSHIPS** are awards that pay partial tuition and textbook costs. A \$1,000 subsistence allowance may be used to assist with other miscellaneous academic expenses.

The **ROTARY CLUB OF SPARTANBURG SCHOLARSHIP** is a \$1,000 annual award to a full-time Spartanburg County resident who is from a non-Rotarian family, has financial need, and has proven scholastic aptitude.

The **SONYA K. RUPPE MEMORIAL SCHOLARSHIP** is a \$500 award given to a new freshman education major from Gaffney High School.

The **OLIN B. SANSBURY, SR. SCHOLARSHIP** is an award of \$1,000 to a student with academic ability, financial need, and potential as a contributing citizen of school and community. Preference is given to those students planning a career in public affairs.

The **SCHOOL OF BUSINESS SCHOLARSHIP** is awarded to a senior School of Business major with a 3.0 GPA with at least 30 hours taken at USCS.

The **D.L. SCURRY FOUNDATION SCHOLARSHIPS:** Three \$500 scholarships awarded to South Carolina residents who demonstrate academic ability, have a minimum GPA of 2.0, and have financial need.

The **CLINTON RICHARD SMITH SCHOLARSHIP** is \$1,250 awarded to a full-time School of Business student who had financial need. Preference is given to a married student whose parents are engaged in local small business or industry.

The **FRANCES SMITH NURSING SCHOLARSHIP** provides \$1,000 annually to a full-time nursing student who has financial need. Preference is given to non-traditional students.

The **HORACE C. SMITH SCHOLARSHIP** is an endowed scholarship established to honor Senator Smith for his outstanding contribution and leadership in the establishment and continued growth of USCS. Scholarships are awarded annually to four students who qualify as Metropolitan Scholars within the USCS Scholars Program. Scholarship recipients are invited to attend/participate in USCS-sponsored events involving Senator Smith such as luncheons, golf tournaments and public relations events to promote this scholarship.

The **SULZER RUTI, INC. SCHOLARSHIP** is a \$250 annual award to a student with financial need and academic ability who has completed international studies or foreign language course work.

The **EDITH THROWER NURSING SCHOLARSHIP** is a \$400 award made to an associate degree or baccalaureate nursing student who is enrolled either full-time or part-time. Recipients must have a proven academic ability and financial need. Preference is given to a non-traditional student (25 or older) who has family responsibilities.

The **TERESA D. TILLER SPLAWN MEMORIAL SCHOLARSHIP** is an award of \$100 to a nursing student who has previously worked in a nonprofessional health service position.

The **DENISE TONE MEMORIAL SCHOLARSHIP** was established by the friends and family of Denise Tone. The proceeds from the endowment will be awarded by the scholarship committee of the Mary Black School of Nursing to students enrolled in a nursing program in recognition of academic excellence. Preference will be given to students with documentation of chronic illness or disability and to those students receiving limited funding from other grants or scholarships.

The **UNIVERSITY BUSINESS SOCIETY SCHOLARSHIP** is awarded to a full-time senior in the School of Business who has a GPA of 3.0 and who has demonstrated outstanding service to campus and community, academic aptitude, character and leadership.

**UNIVERSITY OF SOUTH CAROLINA ALUMNI SCHOLARSHIPS** are awards of varying amounts made to freshmen from the several judicial circuits in South Carolina and from metropolitan areas outside the state. The awards are based on academic ability and are renewable. Note: There is a specific application for this scholarship, and it must be sent to USC Alumni Association in Columbia, SC.

The **USCS FACULTY/STAFF DEPENDENTS' SCHOLARSHIP** is open for application to any dependent child or spouse of a full-time University of South Carolina system employee. There is competition for this scholarship, and only a limited number of scholarships are awarded each year. To be eligible for consideration, the applicant must be enrolled or accepted for enrollment as a full-time undergraduate or graduate student on one of the University's eight campuses and have attained a minimum 3.0 GPA. Freshman eligibility is determined by high school class rank and SAT or ACT scores. The scholarship is renewable for up to four years for those students pursuing a baccalaureate degree provided the recipient main-

tains a minimum of 3.0 GPA. In some cases, graduate students may receive the scholarship until receipt of their graduate degrees. Note: There is a specific application for this scholarship that must be sent to USC Columbia.

The **VETERANS OF FOREIGN WARS SCHOLARSHIP** is a \$630 annual award given to a child of member of VFW Post 9539 or of a veteran who is a resident of Spartanburg County.

The **WACHOVIA BANK SCHOLARSHIP** is a \$500 award to a senior business major. The recipient must be a South Carolina resident. In the event of a tie, the selection shall be based on demonstrated need, leadership and community service.

The **WILDE SCHOLARSHIP** is awarded to a student who has completed at least one year of study at USCS, holds a 3.3 or higher GPA at USCS, and has applied for financial aid because of financial need. Preference is given to a recipient who works part-time or participates in volunteer work.

Many scholarships and stipends may be combined with other sources of financial assistance for which a student is eligible. However, a student may not receive more than one full-tuition University scholarship. Students wishing to be considered for scholarships must be unconditionally accepted for admission prior to deadlines. USCS students who are awarded scholarships or stipends are required to be in good academic standing. These students must also be free of any current discipline code violation and may not be on disciplinary probation.

*(Note: Scholarship information is accurate at the time of publication. Availability of funds and other factors may change. For further information about scholarships and other financial aid, please contact the financial aid office.)*

## Out-of-State Fee Waivers

Students who are not residents of South Carolina and who receive USCS Athletic or Foundation Scholarships, or USCS Undergraduate Assistantships valued at \$250 or more each semester may qualify for a waiver for out-of-state fees. The following conditions must be met to qualify for the fee waiver.

The award must be made in writing to the student before the end of late registration for each semester and prior to the student paying his tuition.

Notification of the award must be forwarded to the financial aid office prior to the end of late registration for each semester. Scholarships or undergraduate assistantships

that are awarded after the end of late registration for each semester will not result in a refund of out-of-state fees.

### **Undergraduate Assistantships**

Undergraduate assistantships are designed to attract students in areas such as publications, music, drama, debate and selected leadership positions. Eligible students may receive financial assistance ranging from \$250 to the cost of tuition and books each semester based upon the activity, level of responsibility, and expected workload. Each recipient is required to sign a contract, which describes the position and its responsibilities. Assistantships are available for participation in the Gordon-Colloms Gospel Choir, University Singers, Shoestring Players (theater group), The Carolinian (newspaper), Debate Team, Writer's Inc. (literary magazine), USCS Dance Team, Campus Activities Board and Student Government Association. Many of these assistantships require prior involvement in the activity or organizations. Please contact the Division of Student Affairs at 864-503-5106 for additional information.

### ***Other Aid***

#### **VETERANS' AND DEPENDENTS' BENEFITS.**

Educational benefits are available to qualified veterans and children of deceased and disabled veterans. Inquiries should be made to the veterans' affairs office in the student's home county seat and the USCS Office of Records and Registration.

**VOCATIONAL REHABILITATION.** This award is to conserve the working usefulness of persons with impairments who have reasonable expectations of becoming employed. Students who might qualify for vocational rehabilitation assistance should contact the Office of Vocational Rehabilitation in their home county seats.



## *Fees and Expenses*

# Academic Fees

Academic fees at the University of South Carolina Spartanburg are established by the University of South Carolina Board of Trustees and are subject to change. Fees printed in this publication are proposed for 2001-2002.

## Application Fee

Every new student is normally charged a non-refundable application fee of \$30. Exceptions to this charge may be made for certain special categories of admission. Applications for admission must be accompanied by the application fee.

## Foreign Students

Foreign students must ordinarily pay non-resident fees for the duration of their enrollment, unless they qualify for permanent alien status. Their standing in this category and application for resident fees must be cleared with the residency officer in the admissions office.

## Examination Fees

Special examinations to establish undergraduate college credit without class attendance, or to validate credits from a non-accredited college, cost \$15 per semester hour.

## Tuition<sup>1</sup>

All fees are payable in full at the beginning of each term.

### Undergraduate:

#### Full-time students (12 semester hours and above)

South Carolina residents ..... \$1,922 per semester\*  
Non-residents ..... \$4,368 per semester\*

#### Part-time and summer school students

South Carolina residents ..... \$169 per semester hour\*  
Non-residents ..... \$385 per semester hour\*

### Graduate:

#### Full-time students (12 semester hours and above)

South Carolina residents ..... \$2,107 per semester\*  
Non-residents ..... \$4,541 per semester\*

#### Part-time and summer school students

South Carolina residents ..... \$209 per semester hour\*  
Non-residents ..... \$443 per semester hour\*  
Certified Teachers ..... \$161 per semester hour\*

Students taking courses at more than one University of South Carolina campus are charged the appropriate campus rate per hour for each course taken. These charges may be in addition to the maximum fees, if reached, at the student's home campus. For example, a student taking 12 hours (or more) at USCS and three hours at Union will be charged the full-tuition rate for the USCS courses **plus** the cost of the course taken at Union calculated at the Union rate per hour.

### Course auditing

Course auditing fees are the same as courses taken for credit.

## Senior citizens

Legal residents of South Carolina who have attained the age of 60 and meet admission and other standards deemed appropriate by the University may attend classes tuition-free for credit or audit purposes on a space-available basis.

## Meals<sup>1</sup>

### Option I—Meals Per Week Plans

Five-, ten-, and fourteen-meals per week plans are available. Cost per plan is:

Five meals per week ..... \$450\*  
Ten meals per week ..... \$732  
Fourteen meals per week ..... \$852

### Option II—Declining Balance Plan

A declining balance plan is available for returning resident students with a required minimum buy-in of \$450\* per semester.

*\*New residents of University Commons housing are required to purchase a minimum meal plan of five meals per week. Returning residents are required to purchase a \$450 declining balance meal plan.*

### Option III—Commuter Declining Balance Plans

*Begin at \$100 and increase in \$25 increments*

## Housing<sup>1</sup>

### University Commons

(per semester, per student) ..... \$1,230  
(per summer term, per student) ..... \$332  
(per Maymester term, per student) ..... \$230  
(University-owned apartment complex for USCS students; each apartment accommodates four students; security deposit of \$125, plus \$25 application fee.)

## Insurance

Optional student health and accident insurance is available to all full-time students paying full fees. It may regularly be purchased only at the beginning of the fall semester, except in the case of new and transfer students. Contact the student affairs office for details on coverage and fees.

## Other Fees<sup>1</sup>

Matriculation fee\*\* ..... \$50  
Technology fee ..... \$5 per credit hour (part-time)  
\$65 per semester (full-time)  
Health fee ..... \$2 per credit hour (part-time),  
\$20 per semester (full-time)  
Graduation fee ..... \$25  
Replacement of diploma as originally issued ..... \$25  
Transcript fee (each copy) ..... \$5

<sup>1</sup>Fees are subject to change as approved by USC Board of Trustees.

\*\*One-time fee for new degree-seeking students.

Duplicate registration certificate fees	
Replacement identification card .....	\$10
Replacement treasurer's fee receipt .....	\$5
Reinstatement .....	\$40
Parking: Students are charged a parking/security fee each semester as follows. Students must display a USCS parking sticker on each vehicle, and comply with regulations as set forth.	
Single semester .....	\$25
Summer term .....	\$10

Parking in handicap space (fine set by state law) .....	\$100
Blocking space or curb cut .....	\$25

## Refunds

University charges are to be paid in full on the date they are incurred. Refunds are issued according to the schedules in this section to students who withdraw from the University, to part-time students who drop a course or courses, and to full-time students who are reclassified as part-time students as a result of dropping a course or courses.

Based on current federal regulations, students receiving federal Title IV financial assistance "earn" that assistance as they attend the University. All federal Title IV financial assistance is considered fully earned when the student has been enrolled past the 60% point of the enrollment term. If a student withdraws from the University prior to that 60% point, the unearned portion of the federal Title IV financial assistance must be returned to the source(s) of the funds. This is an obligation of **both** the University and the student.

The University is obligated to repay a calculated amount of the unearned portion of the student's Title IV financial aid, and this repayment is made from University funds. To the extent this repayment exceeds any applicable University policy refund, this amount is the financial obligation of the student to the University. To the extent total unearned federal Title IV financial assistance exceeds the portion repaid by the University, that amount is a financial obligation of the student to the lender and/or the Department of Education.

The return of the University's repayment is made in the following regulation prescribed priority sequence.

1. Unsubsidized Federal Stafford loans
2. Subsidized Federal Stafford loans
3. Federal Perkins loans
4. Federal PLUS loans received on behalf of students
5. Federal Pell grants
6. Federal SEOG program aid
7. Other Title IV funds

University policy refunds for withdrawing students who have received non-Title IV financial aid, will be applied to the source(s) of that financial aid before any refund is made to the student.

The University administers refund policies for Title IV financial aid recipients as required by the Federal Higher Education Act. Immediately following on the next page is the standard university refund schedule. Specific refund dates are published in the course schedule for each semester. Additional information regarding federal refund policies is available in the Office of Financial Aid and Scholarships.

## Estimated Expenses for One Academic Year<sup>1</sup>

*Note: The following estimate represents a reasonable minimum for full-time enrollment; it does not include meals, travel, room and board and other incidental expenses.*

### South Carolina residents:

Academic fees, full-time (\$1,922 per semester) .....	\$3,844
Books (estimate: \$330 per semester) .....	\$660
Other fees .....	\$220
Total .....	\$4,724

### Non-residents:

Academic fees, full-time (\$4,368 per semester) .....	\$8,736
Books (estimate: \$330 per semester) .....	\$660
Other fees .....	\$220
Total .....	\$9,616

## Fines<sup>1</sup>

**Bad checks or credit cards returned for any reason:** \$25 plus late fee if used for payment of enrollment fees.

**Damage:** Students are charged for damage to university property or equipment.

### Parking:

Parking improperly .....	\$3
Parking decal or permit not displayed .....	\$3
Parking in no parking area .....	\$5
Parking in loading or service zone .....	\$5
Blocking (for example, sidewalk or driveway) ...	\$15
No parking permit for zone .....	\$5
Parking at fire plug, in lane .....	\$5
Parking on grass .....	\$5
Parking along yellow curbs .....	\$5
Parking in reserved spaces .....	\$10
Failure to register vehicle .....	\$10

<sup>1</sup>Fee schedules are subject to change as approved by the USC Board of Trustees.

#### Fall and Spring Semesters

By the last day of the late registration period		100%
By the end of the first week of classes	100%	
By the end of the 10% period of the enrollment period	90%	
By the end of the 16% period of the enrollment period	70%	70%
By the end of the 25% period of the enrollment period	50%	
By the end of the 50% period of the enrollment period	25%	

#### Summer Terms

By the last day of the late registration period	100%	100%
By the end of the 10% period of the enrollment period	90%	
By the end of the 25% period of the enrollment period	50%	
By the end of the 36% period of the enrollment period	40%	40%
By the end of the 50% period of the enrollment period	25%	25%

Refunds for complete withdrawals cover tuition, fees, housing and meal plans at the appropriate percentage.

Refunds for course drops cover tuition only at the appropriate percentage.

The University reserves the right to alter any charges without notice. All charges are due and payable on the date that they are incurred, or the date indicated on the ticket, invoice or statement. Checks for the exact amount of the total charges should be made payable to the University of South Carolina Spartanburg.

Students failing to pay all required registration fees on or before the last date to change course schedule (as indicated in the university calendar) may be dropped from class rolls.

Students failing to relieve any other indebtedness to the University or to any of its auxiliary agencies on the date such obligations become due and payable may not be permitted to attend classes, stand final examinations, or be issued a transcript, diploma, degree or any other official statement.

## State Residency Requirements

The University of South Carolina Spartanburg assesses tuition and fees upon the basis of state residency. The rules regarding the establishment of legal residency for tuition and fee purposes for institutions of higher education are governed by the South Carolina Code of Laws. A copy of this law in its entirety is available from the Office of Admissions.

The initial resident status determination is made at the time of admission and prevails until such time that a student establishes a proper claim to residency as defined by the laws of South Carolina. Any student who is discovered to have been improperly classified as a South Carolina resident will be reclassified as a non-resident and will be required to pay differences in fees.

Persons having questions about residency are encouraged to secure a Residency Application Package from the Office of Admissions. Appointments with the director of admissions to discuss residency requirements are also encouraged.



## *Student Affairs*



The co-curricular program at the University of South Carolina Spartanburg is committed to the total development of students as individuals. Comprehensive services and activities are provided to complement the students' academic experience. These activities are organized to promote the holistic development of university students. This includes the physical, social, cultural and personal development.

## ***The Division of Student Affairs***

The student affairs division is an integral component of the University of South Carolina Spartanburg. Its programs and services are designed to support the overall mission of the University by enhancing the cognitive, moral, cultural, physical, social, emotional and vocational development of the institution's students.

The student affairs division sponsors programs and services that are designed to:

- assist students in the successful transition to and from college;
- help students explore and clarify their values;
- encourage students to develop healthy relationships with others (i.e., parents, peers, faculty and staff);
- create opportunities for students to expand their aesthetic and cultural appreciation;
- teach students how to resolve individual and group conflicts;
- help students understand, respect and appreciate racial, ethnic, gender and other differences;
- provide opportunities for leadership development;
- implement programs that provide primary health care for students and encourage healthy living;
- provide opportunities for recreation and leisure-time activities;
- help retain students in school and promote their intellectual development and academic success;
- provide opportunities for students to develop and model responsible citizenship behavior;
- provide programs and services designed to help students develop realistic educational and career goals;
- promote the development of ethical and responsible conduct;
- facilitate personal and interpersonal development through an increased capacity to understand one's self and relate effectively to others; and
- establish activities and programs that encourage students to reason, organize, plan and execute complex tasks, set goals, solve problems, make decisions, analyze situations, and manage time and resources effectively.

The following offices and functions are included within the student affairs division:

### **Student Affairs Administration**

- Assessment and Planning
- Division Administrative Compliance
- Equal Opportunity Compliance
- Overall Fiscal Management
- Performing Groups
- Student Handbook
- Supervision
- Undergraduate Assistantships

### **Career Center**

- Career Internships
- Career Planning
- Job Interview Preparation
- Job Placement
- Resume Development

### **Diversity Programs**

- Diversity Training
- MAP Programs
- Minority Student Programs

### **Equal Opportunity Opportunity**

- Compliance Issues
- Employment Complaints
- Staff and Faculty Recruitment

### **Health Services**

- Education
- Health Screenings
- Primary Health Care
- Wellness Promotion

### **Opportunity Network**

- Counseling
- Orientation Courses
- Tutoring

### **Residential Life**

- Facility Management
- Living/Learning Program
- Resident Assistant Training
- Student Housing Administration

### **Student Development**

- Counseling Services Center
- Non-traditional Student Services
- Office of Disability Services/  
Alcohol and Drug Education

### **Student Life**

- Campus Recreation
- Discipline
- Greek Life
- Impact Program
- Orientation
- Student Organizations
- Student Publications

### **University Police**

- Crisis Management
- Protective Services
- Safety Programs

## ***Student Services***

### ***Bookstore***

The USCS bookstore, located on the second floor of the Campus Life Center, carries textbooks, supplementary materials and supplies, clothing, items featuring the university name and logo, software, computers, magazines, newspapers, and student identification cards. It also houses the Spartanburg office of the Carolina Collegiate Federal Credit Union. The bookstore maintains a Web page at [www.bookstore.uscs.edu](http://www.bookstore.uscs.edu) that provides e-commerce and news on events and specials.

### ***Campus Security***

The University Police Department patrols the campus on foot and in marked vehicles around the clock. The department has nine full-time uniformed patrol officers, all of whom are graduates of the South Carolina Criminal Justice Academy and commissioned as state constables with statewide arrest authority. Emergency telephones, located throughout the campus on the outside of buildings, are activated by picking up the receiver or pushing the button on front of the callbox, which connects the caller with the University Police Department.

### ***Child Care***

Children from three months to six years of age can be enrolled at the NAEYC accredited Burroughs Child Development Center. The Center is open from 7:30 a.m. to 5:30 p.m. weekdays and serves children of students, staff and faculty. A sliding fee scale is available for those with financial need. Full- and part-time care is available.

### ***Dining Services by Aladdin Food Services***

Food services management operations are contracted through Aladdin Food Services Management, Inc. The dining services administrative office is located on the first floor of the Campus Life Center, adjacent to the cafeteria. A variety of food choices are available and may be purchased with cash, a declining-balance plan, or with a cost-saving 5-, 10- or 14-meal plan. A valid University ID is required for all meal plan or declining-balance purchases. Meal plan contracts must be renewed each semester. Additional service include MochaPellis' Coffee Shack located in the Smith Building, athletic concessions and catering services for campus-related events, including those sponsored by the community on our campus. First-time University Commons residents are required to purchase a 5-, 10- or 14-meal plan; returning residents may opt to purchase a declining-balance plan with a minimum purchase of \$450 per semester. The Office of Dining Services offers employment opportunities for USCS students with flexible hours, free meals and good pay.

### ***Veteran's Affairs***

Students eligible to receive veterans' educational benefits should contact the veterans' coordinator located in the records office. Students receiving veterans' benefits are required to report any changes in curriculum, including courses dropped or added, absences and withdrawal.

Failure to report such changes results in termination of benefits.

## ***Student Development***

Student Development, a division of student affairs, is comprised of: Counseling Services, Office of Disability Services, Alcohol and Drug Education Programs and Non-traditional Student Services. These offices and services are located on the second floor of the Campus Life Center. Student Development provides a wide range of support for the USCS student community.

### ***Counseling Services***

Confidential counseling services are provided free to USCS students on matters of personal, educational and career concerns. The counseling staff includes two counselors with advanced degrees and training. Services offered include short-term individual and group counseling, outreach programming, and assistance in career exploration and planning. Counseling Services also provides psycho-educational workshops on a variety of issues. Services are located in CLC 220 and are available Monday-Tuesday, 8:30 a.m.-7 p.m. and Wednesday-Friday from 8:30 a.m.-5 p.m.

### ***Office of Disability Services***

The Office of Disability Services provides services to students with disabilities in compliance with Section 504 of the Rehabilitation Act of 1973 and Title II of the Americans with Disabilities Act. The office works to provide equal access to University facilities and programs in order to meet individual needs. Services offered include: alternative testing, note-taker services, Books on Tape, interpretive services, and liaison with faculty and staff. For information about services, please contact the office at 864-503-5123 or visit the Campus Life Center Room 232. Office hours are 8:30 a.m.-5 p.m., Monday-Friday. All information is confidential.

### ***Office of Alcohol and Drug Education Programs***

The Office of Alcohol and Drug Education Programs provides programs and activities that educate the campus community on issues surrounding alcohol and drug use and abuse. Additionally, the office provides counseling and resource information to students experiencing problems with alcohol and/or drugs. This is accomplished through a variety of means, such as classroom presentations, individual counseling, awareness activities and the educational program "Prime of Life." For information about our programs, please contact the office at 864-503-5199 or visit the Campus Life Center Room 233. Office hours are 8:30 a.m.-5 p.m., Monday-Friday. All information is confidential.

### ***Non-traditional Student Services***

Non-traditional Student Services offers academic and personal support to students who are in any of the following categories: twenty-five years of age or older, married, parents, veterans of the armed forces, working full-time and attending college, and college or university

graduates returning to school. For information, contact one of the two non-traditional student advocates. One of the advocates is located in the Campus Life Center Room 233 or at 864-503-5199. The other advocate is located in the Campus Life Center Room 220 or at 864-503-5195. Advocates are available from 8:30 a.m.-5 p.m., Monday-Friday

### ***Opportunity Network***

The Opportunity Network program works to assist students in making a smooth transition from high school to college. Its mission is to assist eligible students to stay in college until they successfully complete the baccalaureate degree. Eligibility for the program is based on family educational background, income guidelines or the presence of a disability. Some of the services offered to eligible students are tutoring, counseling, career exploration, seminars, workshops, a University 101 course, and advice and assistance in obtaining financial aid. Students will also participate in cultural and social events on and off campus. A goal of the program is to provide academic, personal and social development. All students whose parents do not have a four-year degree, and receive some form of financial aid are encouraged to stop by our office to meet the staff and find out more about the program. Students registered with the Office of Disability Services would also be eligible. Once accepted into the program, students can receive assistance as long as they are enrolled at USCS. The program is located in the Campus Life Center in Room 122 or call 864-503-5966 for additional information.

### ***Student Life***

Involvement in co-curricular and extracurricular activities is an important aspect of college life. The Office of Student Life in the Division of Student Affairs provides support for a wide variety of activities, clubs and organizations for the student body.

### ***Academic and Honorary Organizations***

A number of academic and honorary organizations are available for students to join. These include the Accounting Club, Alpha Psi Omega, Association for the Education of Young Children, Chemistry Club, Criminal Justice Club, Communication and Debate Club, Computer Science Club, Gamma Beta Phi, Health Professionals Club, History Club, Human Resources Management Club, International Club, Kappa Delta Phi, Literary Club, Math Club, Model United Nations, the Mu Rho Chapter of Sigma Theta Tau (the International Honor Society for Nursing), Omicron Delta Kappa, Pi Sigma Alpha, Psi Chi, Psychology Club, Science Club, Society of Free Thinkers, Society of Professional Journalists, Sociologists Club, S.C. Student Education Association, Student Marketing Association, Student Nurses Association, Student's for the Ethical Treatment of Animals, Spartan Club, Understudies and University Business Society.

### ***Campus Activities Board***

The purpose of the Campus Activities Board is to promote entertainment, cultural development and social interaction among students, faculty and staff through events such as dances, plays, skits, concerts, performances by entertainers, parties, and recreational activities. In return for their hard work, CAB members are given opportunities to participate in retreats, conventions, and a variety of leadership activities.

### ***Campus Media***

*The Carolinian*, the weekly campus newspaper, is published by students. It contains information pertaining to student life, club news, sports news and features.

*writersINC.* is an annual literary and art magazine, edited by students, that publishes the work of students, faculty members and others.

### ***Campus Recreation***

The Office of Campus Recreation and Intramurals offers 40 events, leagues and tournaments in a variety of team and individual competitions. Tennis courts, racquetball courts, a weight room and an auxiliary gymnasium are among the recreational facilities on campus. Equipment may be checked out through the Office of Campus Recreation. All USCS recreational events are co-ed. In addition to intramural events, the program includes extramural competition against other universities. The Ropes Adventure Course is available for on-campus and off-campus groups to facilitate teamwork, communication and critical thinking skills through high and low ropes initiatives.

### ***Cultural Arts and Special Programs***

Each year the University sponsors a series of programs featuring nationally prominent artists and guests.

Exhibitions of art works are scheduled regularly during the academic year in the Smith Gallery, located in the lower level of the Horace C. Smith Building.

### ***IMPACT Community Service Program***

The USCS IMPACT Community Service program provides a means of uniting the campus and community by promoting good relations between students, faculty members and administrators from a variety of backgrounds. This monthly series provides community service activities for all students at a variety of service locations. IMPACT also sponsors a Freshman Day of Service which occurs before classes begin in August.

### ***Intercollegiate Athletics***

USCS has a broad-based intercollegiate athletic program for men and women. USCS teams compete in NCAA Division II's Peach Belt Athletic Conference, which includes 11 other state-assisted schools in the Carolinas, Florida and Georgia. The University fields 11 varsity teams — basketball, cross country, soccer and tennis for men and women; baseball for men; softball and volleyball for women.

## ***Orientation and Transition Programs***

All new students are invited to participate in a university orientation program. Various formats are designed specifically for freshmen, evening students, adult and transfer students. Each program will include advisement and registration for classes for the upcoming semester; explanation of services provided for students; the opportunity to meet faculty, staff and student leaders, and a variety of informational sessions about USCS.

## ***Performance Groups***

The Shoestring Players, the USCS theater group, stages several major productions each year in the USCS Performing Arts Center.

The University has several musical groups—the University Singers, the USCS Jazz Band and the Gordon-Colloms Gospel Choir—that perform in concert and for special events.

The USCS Debate Team gives students the opportunity to improve their research, reasoning and communications skills by competing with each other and with teams from other colleges and universities.

The Mock Trial Team helps students develop skills in formulating and presenting legal theory and arguments as well as many other team work and professional skills.

The USCS Cheerleaders promote school spirit and support for the athletic program by cheering at pep rallies, basketball games and other athletic events.

The USCS Dance Team performs at various campus and off-campus events, representing the school and promoting school spirit.

## ***Social Fraternities and Sororities***

USCS has chapters of Delta Zeta, Alpha Sigma, Phi Mu, Pi Kappa Phi and Alpha Kappa Alpha.

## ***Special Interest Organizations***

Among the campus organizations geared toward special interests are the African-American Association, Amnesty International, Baha'i Club, Baptist Student Union, Campus Crusade for Christ, College Republicans, Fellowship of Christian Athletes, Environmental Club, Scuba Club, S.C. Student Legislature, Student for the Ethical Treatment of Animals, Student Veterans Association and Young Democrats.

## ***Student Government Association***

The Student Government Association is the official elected body that represents all USCS students. SGA officers work to conduct student functions and to maintain lines of communication among the faculty, the administration, and the student body. Students are appointed to various university committees upon the recommendations of the SGA. Student organizations are chartered upon its recommendations.

## ***Residential Life***

University Commons, an on-campus apartment complex owned, operated and supervised by the University, provides housing for approximately 400 USCS students. Each apartment accommodates four students in two bed-

room, two bath suites with a central living/dining room and kitchen. Units are furnished, air-conditioned, and contain a stove, refrigerator, dishwasher and disposal. Each unit is wired to the USCS computer network allowing access to the library system and the Internet. The Director of Housing and several resident advisors live in University Commons to provide assistance to residents. Recreational facilities include a swimming pool, volleyball court and outdoor basketball court. University Commons residents are required to purchase a minimum meal plan of five meals per week for new residents and a \$442 declining plan for returning residents per semester. Early application for housing is recommended.

## ***Health Services***

Health services provides students with individualized and quality health care, as well as information to help students stay healthy. These services include urgent care, a variety of vaccinations, minor laboratory tests, a self-care medication clinic, health education and promotion. Referrals are made to area physicians and specialists. Services for students are either at no cost or a minimal fee (lab tests, flu shots, CPR, etc.). Contact health services in the Health Services/University Police building or the student affairs office for further details.

## ***Diversity Programs***

The Office of Diversity Programs offers a wide range of programs to promote appreciation and understanding of diverse cultures and people. The office maintains a mentoring program; facilitates diversity workshops; and provides many other valuable opportunities and resources for students, faculty and staff.

## ***Center for Women's Studies and Programs***

The Center for Women's Studies and Programs (CWSP) serves students, faculty, staff and community members through curricular and co-curricular programming, resource and referral services, advocacy efforts, and training activities on women- and gender-related issues. The CWSP serves as the coordinating site for coursework in women's studies.

## ***Student Conduct Regulations***

The University of South Carolina Spartanburg is an academic community preserved through the mutual respect and trust of the individuals who learn, teach and work within it. Inherent in the Code of Student Conduct is the belief in each individual's honesty, self-discipline and sense of responsibility.

## ***The Academic Honor Code***

It shall be the responsibility of every student at USCS to obey and to support the enforcement of the Academic Honor Code, which prohibits lying, cheating or stealing. For details of the honor code, procedures for handling

complaints, and penalties for violations, consult the *USCS Student Handbook*.

## ***The Campus Discipline Code***

It is also the responsibility of every student at USCS to abide by the Campus Discipline Code, to conduct oneself so as not to impair significantly the welfare or the educational opportunities of others in the university community. All non-academic conduct that infringes upon the rights and welfare of others is thus embodied in the Campus Disciplinary Code. Violations are handled in the same manner as violations of the Academic Honor Code. Consult the *USCS Student Handbook* for details.

## ***General Regulations***

### ***Drug and Alcohol Policy***

USCS enforces a strong policy to prevent the illegal use of drugs and the abuse of alcohol. The University also complies with the Drug-Free School Act of 1989, which requires university officials to turn over to authorities for arrest and prosecution any person who illegally uses drugs.

### ***Identification Cards***

The USCS Bookstore provides identification cards for all students at USCS. Each student will be provided the first ID card at no cost but each additional card will cost \$10. Cards are automatically activated each semester when fees are paid. During a student's tenure at USCS, the initial card is a valid one. ID cards are required to check out books in the library as well as for entry at certain events. USCS is also investigating the possibility of using the ID card as a debit card. Details will follow in future student publications.

### ***Parking and Traffic Regulations***

All vehicles driven or parked on campus must be registered with the University Police Department. Parking permits must be clearly displayed at all times while the vehicle is on campus. A schedule of fees for student parking permits is in the "Fees and Expenses" section of this catalog.

Parking regulations are strictly enforced, including a state-mandated \$100 fine for parking in a space reserved for the handicapped without a permit to do so. Unless otherwise posted, the campus speed limit is 25 miles per hour.

## ***For Your Information***

- **USCS English Fluency Grievance Policy:** Students who feel that they are unable to understand the spoken and/or written English of an instructor at USCS shall schedule a meeting with the dean of the respective school and make their concerns known. The dean will conduct an investigation and report to the complaining students his/her finding within ten working days of the complaint. In the event student charges are substantiated, the dean and the vice chancellor for academic affairs will take immediate action to rectify the problem. Such action may take the form of replacement of the instructor immediately,

intensive remediation of the problem, or any other solution that protects the due process rights of faculty and students.

— *USCS Academic Affairs Office*

- **Policy for Non-Academic Grievances**

A grievance is defined as a dissatisfaction occurring when a student thinks that any condition affecting him/her is unjust, inequitable or creates an unnecessary hardship. Such grievances include, but are not limited to, the following problems: mistreatment by any university employee, wrongful assessment and processing of fees, records and registration errors, racial discrimination, sex discrimination, and discrimination based on handicaps, as they relate to nonacademic areas of the University. The grievance procedure shall not be used for appeals of disciplinary decisions, residency classification decisions, traffic appeals decisions or any other type decision where a clearly defined appeals process has already been established. The procedure is as follows:

The initial phase of the student grievance procedure requires an oral discussion between the student and the person(s) alleged to have caused the grievance. This discussion must take place within ten working days of the incident that constituted the grievance.

If the student wishes to file an official grievance, a grievance form must be completed and filed with the immediate supervisor of the person alleged to have caused the grievance. The form must be filed with the person's immediate supervisor within five working days of the initial discussion referred to above. The supervisor shall immediately investigate the incident and render a decision. If the student feels the grievance is resolved, the process is complete.

If the grievance is unresolved, the student may bring the matter before the Grievance Committee by presenting a written statement within ten working days of the supervisor's decision.

The vice chancellor for student affairs coordinates the grievance procedure for nonacademic areas and should be contacted for forms and assistance.

- **The Student Right-to-Know Act** requires higher education institutions that receive federal funds to report graduation rates for students who enter the institutions as first-time, full-time degree-seeking students. In the case of four-year institutions, the rate is based on the number of those students who graduate within six years of enrolling.

The graduation rate for first-time students who entered the University of South Carolina Spartanburg on a full-time basis in the fall of 1993 is 35.2%.

The figure does not include students who transferred from other institutions and graduated from USCS, or those who transferred from USCS to other four-year institutions and graduated from them.

The graduation rate is also affected by students who change from full-time to part-time status, those who discontinue studies and later return, as well as those who drop out permanently.



## *Academic Regulations*

As the chief governing body of the University of South Carolina, the board of trustees delegates powers to the chancellor, the president, and the faculty in accord with its policies. Subject to the review of the chancellor, the president and the board of trustees, the faculty retains legislative powers in all matters pertaining to the standards of admission, registration, instruction, research and extracurricular activities; the requirements for the granting of degrees earned in course; the curricula; the discipline of students; the educational policies and standards of the University; and all other matters affecting the conduct of academic affairs.

The University reserves the right to make changes in curricula, degree requirements, course offerings, and all academic regulations, at any time when, in the judgment of the faculty, the chancellor, the president or the board of trustees, such changes are for the best interest of the students.

The University assumes that students, through the act of registration, accept all published academic regulations appearing in this catalog or in any other official announcement.

Unforeseen circumstances may interfere with the scheduling of any particular course or degree offering. Students are expected to take such developments into account as they arise, even if doing so means a delay in some of their academic goals or a modification of those goals. The college or school concerned works closely with students facing such problems in an effort to resolve them. Classes may be cancelled for extenuating circumstances such as insufficient enrollment.

### ***Rights of Catalog***

An undergraduate student may choose to obtain a degree in accordance with the curricular requirements in force when he or she first enrolls in the University or under subsequent requirements published while the student is enrolled.

The following conditions apply to the selection of degree requirements:

1. A student has eight years continuous and inclusive to claim the requirements of a specific catalog.
2. A student who is absent for more than five years must select the catalog in effect at the time of his or her return.
3. The choice of requirements is restricted to a single bulletin.
4. A student may not appeal to requirements adopted and abandoned while he or she was not enrolled in the University.

A student who is absent from the University, for even a short time, may find that there have been drastic changes in curricula and programs. In such cases, there may be no choice for the student but to adopt the new program or a transitional program approved by the dean. USCS is not responsible for providing programs or courses that were deleted during the student's absence.

### ***Right of Petition***

A student may petition for relief or deviation from academic regulations or curriculum requirements of the University. Such a petition requires approval of the student's advisor and dean. Petition forms are available from the dean's office or the records office.

A student may appeal the denial of a petition to the executive vice chancellor for academic affairs.

### ***Course of Study***

Students are expected to follow the program outlined by their college or school as closely as possible, particularly in the first two years when they are satisfying general education requirements and prerequisites for advanced work.

Students must complete courses in the prescribed sequence. Failure to do so may lead to future schedule difficulties, and students may find that the course for which they wish to enroll is not available.

### ***Course Substitutions***

Under unavoidable and exceptional circumstances, the faculty may permit a substitution or an exemption from the ordinary processes to complete the prescribed curricula. Students requesting a deviation from the prescribed course of study should consult with their academic advisor before preparing a petition listing the substitutions or exemptions sought and the reasons for the requests. Petitions are submitted on forms obtainable from the deans' offices or the records office. They must be returned to the dean of the school in which the student is enrolled.

Any deviation from degree requirements as published in the catalog must have the approval of the dean of the student's major. If the petition is denied, students may appeal to the executive vice chancellor for academic affairs. The petition must be approved before a student enrolls in the substitute course.

Students transferring from another college or university desiring to substitute courses taken elsewhere for courses prescribed at USCS must submit a petition to the dean of the college or school in which they expect to receive a degree.

### ***Change of Major***

A student desiring to change his or her program of study is required to (1) obtain a change of major form from the current dean's office or from the records office, (2) have this form signed by the dean of the current college or school, (3) present the form for the approval of the dean of the college or school in which he or she plans to enroll along with a copy of the academic record obtained from the office of the former dean, and (4) return the completed form to the records office for processing. A change of major should be completed in advance of registration. Students are responsible for keeping their intended major current and accurate by processing a change of major when necessary.

## ***Change of Name***

A student wishing a name change must present to the records office proper legal documentation such as a marriage license, a court order approving a name change, or a divorce decree in which a name change is granted.

## ***Change of Address***

Students are obligated to notify the records office of any change of address. Failure to do so can cause serious delay in the handling of student records and notification of emergencies at home. Returned mail due to an incorrect address will result in a "hold" being placed on a student's record, preventing registration.

## ***Indebtedness***

A student who is indebted to the university may be prohibited from attending class, taking final examinations, or registering for future terms. Indebtedness to the University may also prevent conferring of a degree, issuance of a diploma, or issuance of a transcript.

Students who have a repayment obligation for federal or state grant or loan funds (Pell Grant, Perkins Loan, SEOG, Supplemental Loan for Students or Stafford Loan) are not permitted to receive federal, state or institutional financial aid.

## ***Change of Campus Within USC System***

Students wishing to change campuses within the University of South Carolina (e.g., move from USCS to USC Columbia) may initiate the process in the records office. Eligibility is determined by the campus and major to which the student wishes to transfer, and is based on hours earned and GPA.

## ***Registration***

Official enrollment in the University requires that students be academically eligible, complete the registration process, and possess a receipt issued by the cashiers office for payment of current academic fees.

Students are expected to complete registration (including the payment of all required fees and having an ID card made or validated) on the dates prescribed in the university calendar. Failure to pay fees by the published deadlines may result in cancellation of the student's class schedule.

## ***Academic Advisement***

The purpose of academic advising is to facilitate students' progression in meeting educational goals. Students are assigned a faculty advisor early in their first semester of attendance.

Academic advising is a joint venture between the faculty advisor and the student. The faculty responsibilities include knowledge of the curriculum, of institutional policies, and of services available on campus. Faculty members assist students in developing an educational plan including selection of courses, scheduling classes and evaluating progress toward the degree.

Students are responsible for making educational decisions, scheduling advisement appointments and initiating discussions concerning academic difficulty or changes

in their plan of study. Students should read all university literature and meet published deadlines.

A scheduled advisement period is held during fall and spring semester the week before priority registration. Students are required to meet with an advisor prior to their registration appointment time. After advisement, a "hold" is lifted allowing the student to register either through the telephone or web registration system.

During the spring semester, the Registrar's Office conducts an evaluation of academic advisement. Information collected is shared with the faculty in each academic area.

## ***Advisement Testing***

New freshmen must take advisement tests in English, mathematics, and foreign language. Anyone who does not receive transfer credit for English 101 or foreign language must take advisement tests in these areas. Those who have not completed the math requirement for their USCS major must take a placement test in math.

## ***Course Load***

A student may enroll in no more than eighteen hours during a fall or spring semester, three hours during Maymester, or six hours during a single summer session (seven hours if one course is a four-hour course) without permission of his or her dean. Permission will not be granted for enrollment in more than twenty-one hours in fall and spring semesters. In order to receive permission for an overload, a student must have an overall GPA of 3.0 or a 3.0 GPA on twelve or more hours for the previous semester. Forms to request permission for an overload are available in the deans office and the records office.

## ***Independent Study***

A student who wishes to enroll in an independent study course may do so by engaging a supervising faculty member, completing a contract in association with that faculty member, securing approval of the dean, and registering in the records office. Independent studies forms should be completed no later than the first week of the semester.

## ***Internship***

A student who wishes to enroll in an internship may do so by engaging a supervising faculty member, completing a contract in association with that faculty member, securing approval of the dean, and registering in the records office. Internship forms should be completed no later than the first week of the semester in which the student is interning.

## ***Auditing***

Auditing a course means attending classes and listening without actively participating in the class. Students must meet course prerequisites. The auditor is not responsible for class assignments or examinations. No academic credit is earned for a course which is audited nor may it be earned later through examination. A student who has audited a course is not prohibited from taking the course later for credit.



A student who wishes to audit a course must be admitted to the University and enroll in the course as an auditor. However, students taking the class for credit are given preference over auditors where enrollment limits are a concern.

A student who is auditing a course, but who wishes to take the course for credit, may change his or her registration by the end of the late registration period.

Students wishing to audit a course or to change from credit to audit may do so only with permission of the instructor. Each instructor may set attendance conditions for the audit. Students not meeting those conditions will be withdrawn from the audit after the semester ends, with the withdrawal date listed on their transcript

1. Students who wish to audit or change from credit to audit should get an Audit form from the Records office.
2. The form must be signed by the professor with any limiting attendance conditions specified.
3. The form is then signed by the student's advisor and turned into the records office. The last day to change credit to audit is the same day as the last day to withdraw without academic penalty.

At the end of the semester when the faculty turn the grade sheets into the records office, any student who has not met the conditions of the audit as reported by the faculty member will be withdrawn. Faculty will submit a Withdrawn from Audit form.

### ***Pass-Fail Option***

A student who has a cumulative GPA of at least 2.0 and who wishes to investigate fields of study other than those required by his or her degree program may choose the pass-fail option. The pass-fail option applies only to elective courses. No more than eight courses may be taken on a pass-fail basis during a student's academic career (excluded are credits granted for AP, CLEP, or ACT PEP). The option is offered on all courses at the undergraduate level, and normal prerequisites may be waived on these courses.

Enrollment for a course under the pass-fail option requires approval of the dean in the student's major. The option must be elected or revoked by no later than the last day to withdraw without penalty.

Courses taken on a pass-fail basis do not count in the student's GPA nor toward the hours required for the Chancellor's or Dean's honor lists.

### ***Repetition of Courses***

A student may repeat a course in which a passing grade was earned only if a higher grade is required in his or her major. All grades earned in a repeated course appear on the transcript and are calculated in the GPA.

### ***Undergraduate Enrollment in Graduate Courses (Senior Privilege)***

An undergraduate senior in his or her final semester may enroll in graduate courses under the following conditions:

1. The student has a cumulative GPA of 3.0.
2. The graduate course(s) do not create an overload.

3. Courses for graduate credit are not be used to meet undergraduate degree requirements.

### ***Summer Sessions***

Summer sessions normally consist of a three-week term (Maymester) and two four and one-half-week terms. Students regularly enrolled in the University may take work applicable to the degree during the summer session.

The maximum course load permitted in the Maymester is three semester hours. Six semester hours per term are permitted in the four and one-half-week sessions. A single extra hour may be carried if one of the courses involved is a four-hour course.

The University reserves the right to cancel any course in the case of inadequate enrollment. Registration in any course may be closed when the maximum enrollment for effective learning is reached.

### ***Changes in Registration***

A change in registration involves adding a course, dropping a course, withdrawing from a course, changing from one course section to another, changing the number of credits in a variable credit course, or changing course registration from audit to credit. Any change in registration must be filed with the records office on the proper form with all required signatures by the published deadlines.

Any change involving adding a course, dropping a course, changing a section, changing the number of credits in a variable credit course, or changing from audit to credit must be completed by the end of late registration as published in the university calendar. Students may elect or revoke the pass-fail option no later than the last day to withdraw without penalty. Students are urged to consult with the division chair or dean of the college or school in which they are enrolled concerning any change of registration.

With the permission of both instructors, students may make the following schedule changes through the last day to withdraw without penalty (assuming the availability of the course to which the student desires to move):

Biology 101 to/from 110  
Chemistry 105 or 111 to/from 101  
French, German, and Spanish 101 to/from  
102 or 121, 102 or 121 to/from 201, 201  
to/from 202 or 210, 202 or 210 to/from 310  
Mathematics 099 to/from 120, 099 to/from  
121, 120 to/from 121, 121 to/from 143, 126  
to/from 143, 127 to/from 143

### ***Adding a Course, Dropping a Course, and Section Changes***

Students may add a course, drop a course, or make a section change through the last day of late registration by following the instructions published in the schedule of courses. Courses dropped during the late registration period are not recorded on the permanent record and are not entered into the computation of hours attempted, grade point average, or any other totals. Students should discuss these matters with their advisor and obtain the appropriate signatures.

## **Course Withdrawal**

### **Through Last Day to Withdraw Without Penalty.**

Course withdrawal is allowed after late registration and up through the last day to withdraw without penalty (the last day of the tenth week of the semester) by (1) completion of the Course Withdrawal Form available from the records office; (2) discussing the matter with the academic advisor and instructor, and having them sign the form; and (3) returning the form to the records office. Course withdrawals during this period are recorded as a W (withdrawn) on students' transcripts but are not entered into the computation of hours attempted, grade point average, or any other totals. In summer sessions and other shortened terms, the time allowed to withdraw from a course without academic penalty is equal to approximately 72 percent of the total number of class days from the beginning of the term. Students should check the University's academic calendar for the prescribed date in each semester or term.

### **Following Last Day to Withdraw Without Penalty.**

A grade of WF (withdrawn failing) normally is recorded for any course from which a student withdraws after the last day to withdraw without penalty. A WF is treated the same as an F in the calculation of a students' grade point average and in the evaluation of probation and suspension conditions. In certain exceptional cases, a grade of WF may be changed to a W, assuming the student withdraws under extenuating circumstances or for medical reasons and that the student is passing the course at the time of withdrawal. Requests to have the grade of WF changed to W are initiated by the student with the dean of their major where the necessary procedures are explained and the student is supplied the form entitled Request for Assignment of W Grade for Medical Reason or Extenuating Circumstances After Penalty Date. This form and supporting documentation concerning the extenuating circumstances are presented to and discussed with the student's major dean. Upon concurrence of the dean, the student submits the form and documentation to the appropriate instructor(s) for a grade assignment. (The dean of the College of Arts and Sciences serves as major dean for those students who have not declared a major.) Students return the form completed and signed to the records office by the last day of class for the semester (before final examinations for the semester begin).

## **Withdrawal from the University**

Students wishing to withdraw officially from the University should obtain the form entitled Request for Semester Withdrawal from the records office. Students are responsible for completing an exit interview with the dean of their major, obtaining the required signatures, and returning the form to the records office for final action. Students who stop attending the University without following the withdrawal procedure may prejudice any future attempt to reenter the University.

Students withdrawing from the University prior to the last day to withdraw without penalty have the withdrawal date and the courses posted on their transcript with a grade of W.

Students withdrawing after the last day to withdraw without penalty, but not later than the last day of class, receive a grade of WF for each course in which they were enrolled. Students may petition to receive a grade of W rather than WF by carrying out the procedures outlined under the section entitled "Course Withdrawal: Following the Last Day to Withdraw Without Penalty." Students who stop attending classes and fail to carry out the procedures for dropping or withdrawing from their courses will have final grades calculated on both completed and missed work. This typically results in a grade of F.

**Post-Semester Withdrawal (Retrospective).** A student who ceases attending classes due to medical or other extenuating circumstances so serious that the student was neither able to attend classes nor initiate withdrawal procedures, may request to have each final grade changed to a W to indicate that there was satisfactory performance before being forced to stop attending classes. Normally, an appeal to change a final grade is considered only if initiated within one year after the final grade is assigned. Withdrawal must be from all courses.

Requests for post-semester withdrawal are initiated in the records office, where the necessary procedures are explained and the student is supplied with the form entitled Request for Withdrawal After the Penalty Date for Medical Reason or Extenuating Circumstances. This form and supporting documentation concerning the extenuating circumstances are presented to the dean of the student's major, who will make a determination as to the nature of the circumstances and the dates during which the student was unable to participate in classes. The dean makes a recommendation as to whether the student should be permitted a post-semester withdrawal from the University based on the findings of an investigation of the facts. The recommendation of the dean will be sent to the registrar, who will then forward the recommendation to the faculty member(s) for assignment of a final grade of W or WF. The final grade will be based upon the student's academic standing at the time of the initiation of the extenuating circumstances. If the instructor is no longer at USCS, and a forwarding address is available, the student shall, within the time specified on the extenuating circumstances form, transmit copies of all necessary materials to the former faculty member by certified return receipt mail. If the instructor fails to assign a W or WF within three months of the date of the request, or if no forwarding address is available, the dean of the appropriate college or school shall appoint a faculty member to consider the request and assign a W or WF.

The decision of the dean of the student's major concerning being allowed a post-semester withdrawal from the University or the assignment of a final grade by the faculty member(s) may be appealed as follows: (1) To appeal the decision of the dean of the student's major, the student requests that the Executive Academic Affairs Committee review the facts of the case. The decision of this committee will be final. (2) To appeal the assignment of a grade of WF, the student will follow the procedure described in the catalog section entitled "Academic Grievances."

## Class Attendance

The resources of the University are provided for the intellectual growth and development of the students who attend. The schedule of courses is provided to facilitate an orderly arrangement of the program of instruction. The fact that classes are scheduled is evidence that attendance is important and students should, therefore, maintain regular attendance if they are to attain maximum success in the pursuit of their studies.

All instructors will, at the beginning of each semester, make a clear written statement to all their classes regarding their policies concerning attendance. Instructors are also responsible for counseling with their students regarding the academic consequences of absences from their classes or laboratories. Students are obligated to adhere to the requirements of each course and of each instructor. All matters related to the student's absence, including the possible make-up of work missed, are to be arranged between the student and the instructor. Students should understand that they are responsible for all course content covered during their absences and for the academic consequences of their absences.

## Examinations

### Final Examinations

Final examinations are scheduled at the end of each semester and term. A calendar of examination times is published in the *Schedule of Course Offerings*. All final examinations must be administered during the time period designated in the calendar of examination times. Instructors may allow students to switch from one examination section to another when that instructor teaches multiple sections of the same course. Exceptions from this policy should be addressed to the executive vice chancellor for academic affairs.

Laboratory examinations are normally scheduled during the last meeting of the lab.

A student who is absent from a final examination will receive a grade of F in the course if an excuse acceptable to the instructor is not offered. When the instructor excuses an absence from the examination, a grade of I (incomplete) is awarded until the examination is made up. A student who is excused must take the examination at the convenience of the instructor. In any case, the examination must be made up within one year.

Reexamination or the assignment of additional work for the purpose of removing an F or for raising a grade is not permitted.

## Tests

Faculty are restricted in the scheduling of tests only during the final week of classes of a regular semester. Restrictions are as follows:

<i>Class Meetings Per Week</i>	<i>Testing Restrictions</i>
1	No testing during the last class meeting
2	No testing during the last 2 class meetings
3	No testing during the last 2 class meetings
4 or more	No testing during the last 3 class meetings

These restrictions do not apply to laboratory examinations which may be administered during the last week of classes.

## Academic Standing

All students enrolled at USCS are subject to the same continuation standards. Administration of these regulations is the responsibility of the Executive Vice Chancellor for Academic Affairs and is coordinated by the registrar's office. Students seeking relief from these regulations must go through the appeal process (see Academic Suspension Appeal Process).

The following standards regarding scholastic eligibility are applicable to all undergraduate students.

### Continuation Standards

**Academic probation.** The academic record of every student is reviewed at the end of the fall semester, the end of the spring semester, and at the end of the final summer session. Students who do not meet the following cumulative GPA standards will be placed on academic probation:

24 to 44 grade hours—a minimum cumulative GPA of 1.50 is required

45 to 59 grade hours—a minimum cumulative GPA of 1.75 is required

60 or more grade hours—a minimum cumulative GPA of 2.00 is required

A student who has been placed on academic probation must achieve a minimum GPA standard on courses attempted after being placed on probation. The GPA standard required of students who have been placed on academic probation is as follows:

0-11 grade hours—no minimum GPA required

12 or more grade hours—a minimum GPA of 2.00 is required

Academic probation may be removed in the following way:

1. Attempt 12 or more grade hours while on probation, and
2. Attain a minimum cumulative GPA that meets the above GPA standards.

Students who leave the University without completing a term of probation, and are absent for three (3) or more years, will begin a new term of probation upon readmission.

**Academic suspension.** A student who has been placed on academic probation but does not achieve the required minimum GPA standard will be placed on academic suspension. There are three levels of academic suspension.

<u>Level</u>	<u>Length of suspension</u>	<u>How suspension may be removed</u>
First	2 major semesters	<ol style="list-style-type: none"> <li>1. Attend summer school at USCS, enroll in 9 grade hours, and achieve a minimum grade of "C" on all courses attempted, or</li> <li>2. Successful appeal through the suspension appeal process, or</li> <li>3. Serve the suspension</li> </ol>
Second	4 major semesters	<ol style="list-style-type: none"> <li>1. Successful appeal through the suspension appeal process, or</li> <li>2. Serve the suspension.</li> </ol>
Third	Indefinite	

A student who is serving a second suspension may attend summer school at USCS. Grades earned in summer school may provide evidence of fitness for removal of the second suspension through the appeal process.

A student who has a third (indefinite) suspension may not enroll in classes at USCS.

Suspended students will not be admitted or allowed to continue any program of the university for credit or GPA purposes. Grades based on credits earned at other institutions while under suspension will not be used to remove the suspension. See suspension appeal process.

### **Academic Suspension Appeal Process**

Students wishing to appeal academic suspension should contact the records office to obtain an appeal form. Completed forms must be submitted to the records office to be considered.

1. The Admissions and Petitions Committee may grant students relief from academic suspension only in extraordinary circumstances.
2. Decisions of the Admissions and Petitions Committee may be appealed to the Executive Vice Chancellor for Academic Affairs.

**Returning to the University.** A student who reenters the University after having been suspended will begin a new term of probation. The conditions of that academic probation are those listed above. Students who have been granted relief through the suspension appeal process may have additional conditions imposed on them. Students will be notified of any additional conditions by letter.

When a student is granted relief from academic suspension through the appeal process, the suspension is not removed from the permanent record, but continues to appear on the record and to count as one of the three academic suspensions a student is allowed.

### **Academic Grievances**

The University of South Carolina Spartanburg is committed to the judicious, fair and impartial resolution of conflicts which arise between an instructor and a student and of petitions from students who seek relief from university regulations related to their academic work. The process is designed to provide an objective review of

student complaints regarding academic grievances, including acceptance into a program (for example, nursing or education), transfer credit, grades and other academic policies. Copies of the Academic Appeals Policy and the appeal form are available in the Records Office. Instructors are not bound by the grade appeal recommendations. Students have one year to file an academic grievance. Students wishing to appeal academic suspension should follow the procedure under "Academic Suspension Appeals Process."

## ***Transfer Credit***

Students wishing to transfer to USCS should refer to the admissions section on page 16 of this catalog.

### ***Transient Credit***

A USCS student who wishes to enroll in courses taught at another college or university must obtain permission from his or her academic dean and file the permission with the USCS records office before enrolling in the courses.

Normally, a student will not be given transient permission to enroll in a course if he or she has previously been enrolled in an equivalent course at the University.

All grades earned in courses taken at other colleges or universities will count in the student's combined GPA. In order for a course taken at another college or university to be used in a student's degree program, a minimum grade of C is required.

### ***Transfer of Credits for Former USCS Students***

A student who was enrolled at USCS and transferred to another institution and who now wishes to transfer back to USCS may be able to transfer some or all of the course work if they were in residence at the other college or university for a full academic year. Otherwise, credit for academic work equivalent to courses previously taken at USCS cannot be transferred to USCS. The student would also be disallowed from receiving credit for courses in which they had previously been enrolled at a prior transfer institution.

## ***Credit by Examination, Military Credit, and Credit for Non-collegiate Programs***

Students with a strong background in a variety of basic subjects may be able to exempt courses and receive credit hours for courses based on their scores on Advanced Placement (AP), College Level Examination Program (CLEP), American College Testing Proficiency Examination Program (ACT PEP), Defense Activity for Nontraditional Educational Support (DANTES), or by successfully passing a course challenge examination prepared at USCS. Students may also seek credit for military schooling or training offered by certain non-collegiate organizations. Normally, a maximum of 30 semester hours earned in any combination of correspondence courses, AP, CLEP,

ACT PEP, DANTES, USCS institutional credit by examination, military and other service schools, educational programs of non-collegiate organizations, off-campus extension classes, or while classified as a special student are accepted as partial fulfillment of the requirements for the baccalaureate. Exceptions to this 30-hour rule may be made at the discretion of the dean of the appropriate college or school. Students planning to pursue work at other institutions or planning to take correspondence courses or off-campus extension classes must complete this work before attaining senior classification (see academic residency requirements.)

AP, CLEP, ACT PEP, DANTES, and USCS institutional credit by examination do not enter into calculation of students' GPA.

USCS accepts many, but not all, AP, CLEP and ACT PEP, and DANTES subjects. Transfer students with AP, CLEP, ACT PEP, or DANTES credits in subjects not listed below must submit those credits to the dean of the appropriate school for review. Students are not allowed to earn CLEP, ACT PEP, DANTES and/or USCS institutional credit by examination for courses in which they have been previously enrolled either regularly or as an auditor.

### **Advanced Placement (AP)**

All Advanced Placement courses and tests are administered by high schools and should be completed successfully before entering USCS. An entering student who has passed 30 hours of AP credit may be granted sophomore standing upon enrollment.

In order to receive credit for courses, students must have an original AP score report sent directly to the USCS records office.

The Advanced Placement courses accepted by USCS are:

*American Government-Political Science:* Three credits for Government and International Studies 201 with a minimum score of 3.

*American History:* Three credits for History 110 with a score of 3.

*Art History:* Three credits for Art History 101 with a minimum score of 3.

*Art Studio-Drawing:* Three credits for Art Studio 111 with a minimum score of 3.

*Art Studio-General:* Three credits for Art Studio 103 with a minimum score of 3.

*Biology:* Eight credits for Biology 101 and 102, including laboratory credit, with a minimum score of 3.

*Chemistry:* Four credits for Chemistry 111 with a score of 3; eight credits for Chemistry 111 and 112 with a score of 4 or 5.

*Chinese:* Eight hours of university credit with a minimum score of 3.

*Comparative Government-Political Science:* Three credits for Government and International Studies 320 with a minimum score of 3.

*Computer Science A:* Three credits for Computer Science 235 with a minimum score of 3.

*Computer Science AB:* Three credits for Computer Science 235 with a minimum score of 3.

*English Language and Composition and English Literature and Composition:* Three credits for English 101 with a score of 3 or 4 on either English AP exam. Three credits for English 101 and three credits for English 102 with a minimum score of 3 or 4 on both English AP examinations. Three credits for English 101 and three credits for English 102 with a minimum score of 5 on either or both English AP examinations.

*Environmental Science:* Four credit (3 hours of SBIO 270, Environmental Science, and 1 hour of SBIO 270L, Environmental Science Lab) with a score of 3 or better.

*European History:* Three credits selected for History 111 with a score of 3.

*French, German and Spanish:* Six credits for 101 and 102 level courses with a score of 3. Nine credits for 101, 102 and 201 level courses with a score of 4 or 5. Students desiring AP foreign language credit at USCS should take only the language portion of the AP examinations. No credit is given for the literature portion of the examinations.

*French Literature:* Three credits for French 309 with a minimum score of 3.

*Latin-Vergil and Latin-Catullus, Horace:* Eight hours of university credit with a minimum score of 3.

*Macroeconomics:* Three credits for Economics 221 with a minimum score of 3.

*Mathematics-Calculus AB:* Six credits for Mathematics 143 and Mathematics 144 with a score of at least 3.

*Mathematics-Calculus BC:* Six credits for Mathematics 143 and 144 with a score of at least 3.

*Microeconomics:* Three credits for Economics 222 with a minimum score of 3.

*Music Listening and Literature:* Three credits for music history and literature 110 with a minimum score of 3.

*Music Theory:* Three hours of university credit with a minimum score of 3.

*Physics B:* Four credits for Physics 201 with a score of 3; eight credits for Physics 201 and 202 with a score of 4 or 5.

*Physics C: Mechanical:* Four credits for Physics 211 with a minimum score of 3.

*Physics C: Electricity and Magnetism:* Four credits for Physics 212 with a minimum score of 3.

*Psychology:* Three credits for Psychology 101 with a minimum score of 3.

*Spanish Literature:* Three credits for Spanish 309 with a minimum score of 3.

*Statistics:* Three credits for Economics 291, Mathematics 201, Psychology 225 or Sociology 201 with a minimum score of 3.

### **College Level Examination Program (CLEP)**

Credit for subjects in which students are knowledgeable, but have no class standing, can be gained through successful completion of the College Entrance Examination Board CLEP tests.

Credit earned in CLEP may be applied to any program where the course normally would be accepted as earned credit. CLEP credit is not granted for courses that have been failed previously, nor does CLEP credit raise a grade earned previously.

in any course. Repeat examinations are not allowed. USCS does not give credit for the CLEP general examination. Students wishing to take CLEP tests should contact the records office for the necessary applications and notify their faculty advisor of their intention to take the test.

The CLEP examinations accepted by USCS are:

*American Government:* Three credits for Government and International Studies 201 with a satisfactory essay and minimum score of 50 on the objective section.

*American Literature:* Three credits for English 279 or 280 with satisfactory completion of the essay section and a minimum score of 46 on the objective section.

*Analysis and Interpretation of Literature:* Three credits for English 102 with a satisfactory essay and a minimum score of 49. Credit is given after completion of English 101 with a C or higher. If CLEP examinations for both Composition and Literature are successfully completed, six hours of credit for English 101 and 102 are awarded upon passing any 300 or higher level English with a grade of C or better.

*Biology:* Eight credits for Biology 101 and 102, including laboratory credit with a minimum score of 50.

*Business Law:* Three credits for Business Administration 347 with a minimum score of 51.

*Calculus with Elementary Functions:* Three credits for Mathematics 143 and three credits for Mathematics 144 with a minimum score of 47.

*Chemistry:* Four credits for Chemistry 111 with a minimum score of 50.

*College Algebra:* Three credits for Mathematics 126 with a minimum score of 45.

*College Algebra/Trigonometry:* Three credits for Mathematics 126 and 3 credits for Mathematics 127 with a minimum score of 45.

*College Composition:* Three credits for English 101 with a satisfactory essay and a minimum score of 48 on the objective section. Credit is awarded after completion of English 102 with a grade of C or better.

*Introductory Accounting:* Three credits for Business Administration 225 with a minimum score of 47; 6 credits for Business Administration 225 and 226 with a minimum score of 55.

*Introductory Management:* Three credits for Business Administration 371 with a minimum score of 47.

*Introductory Marketing:* Three credits for Business Administration 350 with a minimum score of 50.

*Introductory Sociology:* Three credits for Sociology 101 with a minimum score of 50.

*Macroeconomics:* Three credits for Economics 221 with successful completion of the essay section and a minimum score of 48 on the objective section.

*Microeconomics:* Three credits for Economics 222 with successful completion of the essay section and a minimum score of 47 on the objective section.

*Micro/Macroeconomics:* Six credits for Economics 221 and 222 with successful completion of the essay section and a minimum score of 47 on the objective section.

*Money and Banking:* Three credits for Economics 301 with a minimum score of 50.

*Psychology:* Three credits for Psychology 101 with a minimum score of 50.

*Statistics:* Three credits for Economics 291 with a minimum score of 49.

*Trigonometry:* Three credits for Mathematics 127 with a minimum score of 50.

### ***American College Testing Program (ACT/PEP)***

Credit for subjects in which students are knowledgeable, but have no college credit, can be gained through successful completion of the PEP tests. USCS students may earn up to 30 semester hours via PEP. Those attempting PEP must rank in the 70th percentile of the scored population taking the examinations. Students wishing to take a PEP test should contact the Counseling Services Center for the necessary applications and notify their faculty advisor of their intention to take the test.

The specific ACT/PEP exams are currently under review. Students may contact the records office or their dean for a current list of acceptable tests.

### ***Defense Activity for Nontraditional Education Support (DANTES)***

Credit for subjects in which students are knowledgeable, but have no class standing, can be gained through successful completion of the Defense Activity for Nontraditional Education Support (DANTES) tests. The DANTES Program is a testing service conducted by Educational Testing Service (ETS) for DANTES, and agency of the Department of Defense.

Credit earned in DANTES may be applied to any program where the course normally would be accepted as earned credit. DANTES credit is not granted for courses that have been failed previously, nor does DANTES credit raise a grade earned previously in any course. Repeat examinations are now allowed. Students wishing to take DANTES tests should contact the counseling services center for the necessary applications and notify their faculty advisor of their intention to take the test.

The DANTES examination accepted by USCS is:

*Developmental Psychology:* Three credit for Psychology 302 with a minimum scaled score of 46.

### ***Institutional Credit by Examination***

Students enrolled in the University may obtain credit by examination for courses in which they have had no class attendance or semester standing. However, permission must be obtained from the dean of the college or school involved. A grade of not less than B on the examination is necessary to receive credit for the course. Examinations are not permitted in courses in which students previously have enrolled either regularly or as an auditor. Before the examination, applicants must pay the records office a fee of \$15 per semester hour. This fee is non-refundable. The records office issues a receipt which must be shown to the dean of the college or school conducting the examination. The dean immediately reports the results of the examination to the records office. Credits earned under this regulation are recorded only as hours earned.

## ***Military Service School Credit***

Following enrollment, a student may obtain credit for experiences in the armed services. In order to receive credit the student must have a DD 214 and/or DD 295 and Certificates of Completion. Students who feel they qualify should contact the records office.

Following a review by the records office using *A Guide to the Evaluation of Educational Experiences in the Armed Services*, a recommendation for credit is made to the dean of the student's major area. The final decision as to the credit awarded is made by the dean of the school in which the student is enrolled.

## ***Credit for Non-collegiate Programs***

USCS will consider credit awarded for non-collegiate educational programs as recommended by the American Council on Education. Documentation is required. Final determination is made by the dean of the college or school in which the student is enrolled. Students who feel they may qualify should contact the admissions office.

## ***Correspondence Course Credit***

USCS students may receive credit for correspondence courses taken concurrently with their regular academic work. Students must request permission to enroll in such courses on a form available in the records office. Enrollment must be approved in advance by the dean of the college or school in which the student is enrolled.

Information concerning correspondence courses available from the University of South Carolina may be obtained from the records office. A minimum grade of C is required in order for correspondence courses to be counted in a student's degree program.

## ***English Placement Examination***

Entering freshmen who meet the criteria of the English Placement Examination may receive credit for English 101 after making a minimum grade of C in English 146.

## ***Grading System***

### ***Grade Symbols***

The grading system outlined below is in effect for all students at the University. Under this system, undergraduate course credit is granted only for earned grades of A, B+, B, C+, C, D+, D or S. Any of the following symbols (except NR) become a permanent part of students' academic records when assigned.

A, B, C, D and F carry the traditional academic connotations of excellent, good, average, poor and failing performance, respectively.

S and U indicate, respectively, satisfactory (passing) and unsatisfactory (failing) performance in courses carried on a pass-fail basis, as indicated in the course description, or in courses for which the pass-fail option is elected under the conditions detailed in the section entitled Pass-Fail Option. The grades of S and U do not enter into the calculation of the GPA nor are they used in evaluation for probation or suspension.

W is assigned for withdrawals after late registration but on or before the last day to withdraw without penalty. W may be assigned, in exceptional cases, to indicate satisfactory performance in courses from which students withdraw after the last day to withdraw without penalty. The grade is used primarily in cases

of withdrawal from the University or course withdrawal for medical reasons or other extenuating circumstances. See the catalog section on "Changes of Registration" for an explanation of the procedures necessary for the assignment of this grade. A grade of W is not used in the evaluation of probation or suspension conditions and GPA computation.

WF is assigned for withdrawal from a course after the last day to withdraw without penalty and is treated as F in the computation of GPA and in the evaluation of probation and suspension conditions.

I, incomplete, indicates satisfactory attendance and performance but failure to complete some portion of the assigned work in the course. By arrangement with the instructor, students may have up to 12 months during which to complete the work before a final grade is recorded. (It is the responsibility of the student to ensure all arrangements for removal of the incomplete have been made and that all work for rectifying the incomplete has been accomplished.) Students seeking an I must arrange a meeting with the instructor before the end of the term to determine the requirements for the completion of the course. If, as indicated by the instructor, circumstances prohibit a meeting before the end of the term, such a meeting should be held within the first 30 days of the next regular (that is, fall or spring) semester. If students do not meet with the instructor by the end of this 30-day period, a final grade may be assigned at the discretion of the instructor. In no case is the ultimate deadline more than 12 months from the date that the I is given. All copies of the incomplete form are to be turned into the records office with the final grade sheets. The records office routes the copies to the appropriate offices and to the student. Upon completion of the required work, the instructor will assign a final grade. If the instructor is no longer at USCS, the student shall, within the time specified on the incomplete grade form, transmit copies of all necessary materials to the former instructor by certified return receipt mail. If the instructor fails to assign a grade within three months of the date of the request, or if no forwarding address is available, the dean of the appropriate school shall appoint a faculty member to consider the request and assign a grade. In the absence of the assignment of another grade, the I automatically becomes an F, at the end of one year, and may be changed only if it was recorded erroneously. The grade of I affects the computation of GPA as if it were a grade of F until a permanent grade is assigned.

AUD indicates a course was enrolled on an audit basis.

NR, no record, is assigned by the records office only in the event an instructor fails to submit a student's grade by the proper time. It is a temporary mark on the transcript and must be replaced by a grade. An NR is changed to a grade of F after one semester if no other grade can be obtained from the instructor by the appropriate dean.

### ***Grade Point Average***

The grade point average is computed on the basis of all semester hours attempted for credit within the University of South Carolina, except for hours carried on a pass-fail basis. The GPA is not affected by courses taken on a non-credit or audit basis.

The grade points earned in courses carried with a passing grade are computed by multiplying the number of semester hour credits assigned to the course by a factor determined by the grade. For courses in which the grade of A is earned, the factor is 4; for B+, 3.5; for B, 3; for C+, 2.5; for C, 2; for D+, 1.5 and for D, 1.

The grade point average is determined by dividing the sum total of all grade points by the total number of hours attempted for credit (excepting hours carried on a pass-fail basis). No grade points are assigned to the symbols F, S, U, WF, W, I, AUD or NR.

## **Grade Reports**

At the end of each semester, grade reports are sent to students at their permanent address. Students may also access final grades through T.I.P.S. or the USCS Web page.

## **Transcripts**

A transcript of students' records carries the following information: admission data, current status, a detailed statement of the scholastic record showing courses pursued with semester hours carried, semester hours earned, grades, grade points, and system of grading. All failures, incomplete grades and penalties such as probation, suspension or other restrictions are also indicated. No partial record is issued.

All requests for transcripts must be written. Students needing a copy of their transcript or a certified copy of the end-of-semester grade report must complete a transcript request form at the records office. All official transcripts are processed through USC Columbia. Transcript costs are \$5 for each copy. Certified copies of the end-of-semester grade report are available at \$1 each. No transcript is issued to students who are indebted to the University.

With the exception of copies made for internal university use, no copy of a student's records is released anywhere (including the state department of education) without the student's written consent, unless required by law or court order.

## **Academic Forgiveness**

A former University of South Carolina undergraduate student who meets all of the following conditions may apply for academic forgiveness:

1. The student must have a cumulative GPA of less than 2.0 on all University of South Carolina course work.
2. The student was not enrolled at any University of South Carolina campus for at least 48 months.
3. The student must be readmitted to a degree program at the University of South Carolina and must complete at least 24 hours of approved graded course work prior to applying for academic forgiveness.
4. After readmission to the University, the student must earn a cumulative GPA of at least 2.0 and meet the progression requirements of his or her degree program.
5. The student has not previously been granted academic forgiveness.

A student who has met these conditions and desires academic forgiveness must submit a written request for academic forgiveness to the dean of the school in which the student is enrolled. After verification of the student's eligibility, the dean shall inform the registrar that academic forgiveness has been granted to the student.

Once academic forgiveness has been granted, the following apply to the student's academic record:

1. All curriculum requirements will be in accordance with those in force at the time of or subsequent to the student's readmission.
2. The student may not receive academic honors upon graduation.
3. The student's grade point average is recalculated beginning with the semester in which the student was readmitted to the University.
4. Courses in which the student received a passing grade prior to readmission and the granting of academic forgiveness may, at the discretion of the student's school, be used for academic credit, but are not used in the calculation of the grade point average.
5. The following statement shall appear on the academic record of any student granted academic forgiveness: "This student was granted academic forgiveness under the University of South Carolina Academic Forgiveness Program. No courses taken prior to (date of readmission) are used in the calculation of the GPA, but those in which the student received a passing grade may be used to meet degree requirements."
6. The permanent academic record will remain an unmodified record of all work attempted at the University of South Carolina.
7. A cumulative GPA of 2.0 is required on all work following academic forgiveness for purposes of graduation.

## **Classification of Students**

Classification of students is based on the total number of semester hours earned. A student must have earned 30 semester hours to be classified as a sophomore, 60 for classification as a junior, and 90 for classification as a senior. Students are classified at the beginning of each semester.

## **Academic Honors**

### **Honor Lists**

Each semester, academic achievement is recognized by entering students' names on the chancellor's honor list and the dean's honor list. The chancellor's honor list requires a GPA of 4.0 earned on a minimum of 12 credited semester hours. The dean's honor list requires a grade point average of 3.5 or higher (3.25 or higher for freshmen) earned on a minimum of 12 credited semester hours.

No course carried on a pass-fail basis is counted toward the 12 hours required for either the chancellor's or dean's honor lists.

### **Graduation with Honors**

Graduation with honors is based on a cumulative GPA calculated on all work in the student's college career, including any attempted at other institutions. This calculation includes all courses attempted, not just those submitted in fulfillment of graduation requirements.

Transfer students who apply to graduate with honors, in addition to their overall record, must show a GPA within the University of South Carolina which meets the level specified for the honors being sought.



The following designations indicate a consistently high level of academic achievement through the student's entire academic career. To graduate with such honors, a student must have earned at least 60 credit hours applicable to the degree in residence at the University. Courses taken by a transient student at other institutions, by correspondence, by examination, or by exemption are not considered "in residence."

*Summa cum Laude:* A cumulative GPA of 4.00

*Magna cum Laude:* A cumulative GPA of 3.75-3.99

*Cum Laude:* A cumulative GPA of 3.50-3.74

## **Honorary Societies**

Students whose records demonstrate superior academic achievement may be invited to join several honor societies chartered on the USCS campus. These organizations exist not only to recognize outstanding students but also to promote academic achievement in all areas of the University.

A chapter of Gamma Beta Phi national honor society was chartered at USCS in 1978. Membership is open to students who rank in the top 15 percent of their class and who have completed 15 or more semester hours in residence at USCS.

A chapter of Kappa Delta Pi, a national education honorary fraternity, was established at USCS in the spring of 1978. It is open to juniors and seniors who have outstanding academic records and a strong commitment to the profession of education.

The Mu Rho Chapter of Sigma Theta Tau, the International Honor Society for Nursing, was chartered in March 1992. Membership is open to BSN students in the top 35 percent of the senior class with a minimum GPA of 3.0. This academic society strives to promote excellence and the advancement of nursing knowledge, research and leadership.

Omicron Delta Kappa is a leadership and scholarship honor society affiliated with Omicron Delta Kappa national fraternity. Membership is open to juniors and seniors who rank in the upper 20 percent of their class and who meet chapter criteria for leadership and service to the campus.

Pi Sigma Alpha is the national political science honor society. The Nu Kappa chapter was chartered at USCS in 1982. Membership is open to students who attain a B average, both overall and in political science courses. Applicants must have completed 10 semester hours in political science and be ranked in the upper third of their college class.

Psi Chi, the National Honor Society in Psychology, was founded in 1929 for the purposes of encouraging, stimulating, and maintaining excellence in scholarship and advancing the science of psychology. The chapter at USCS was chartered in 1993. To be eligible for membership, students must be psychology majors (or IDS bi-disciplinary psychology majors) who have completed at least three semesters of college work including nine hours of psychology. Eligible students must rank in the top 35 percent of their class and have a minimum GPA of 3.0 in psychology courses.

## **Graduation Requirements and Procedures**

Applicants for graduation are urged to confer with the appropriate dean about their major program and degree requirements before the beginning of their last semester of residence at USCS.

**Academic Residency Requirements.** The last twenty-five per cent of the semester hours of the degree program must

be completed in residence at the University. In residence means that students are regularly enrolled in the University, are members of a class which is supervised by a faculty member of USCS, attend classes on an established schedule, and in other ways conform to the requirements that are normally connoted by the term in residence. In residence requirements may not be met by courses for which credit is earned by exemption or examination, courses taken by correspondence, or courses for which transfer credit was awarded. Students who have not established credit for the prescribed number of hours in residency are not eligible for graduation.

**Residency Requirements in the Major.** To receive a degree, students must complete at least 12 semester hours of major course credit at USCS or at other campuses in the USC system.

**Degree Applications.** Candidates for degrees must file formal applications prior to the last academic term before graduation with the records office on forms obtained at that office. Applications must be filed according to the deadlines published in the course schedule. Students who have applied for graduation but did not meet degree requirements must re-apply. A one-time graduation fee of \$25 is charged to all applicants.

**Graduation Requirements.** Students submit to their dean a list of courses meeting all regulations and requirements of their school and major department which they claim for graduation and for which their overall GPA and their GPA on USC system course work is at least 2.0. This list, after verification, forms the basis for the dean's approval or rejection of students' applications for graduation. (This list contains only the courses in which students have performed at or above the required level. The list need not contain all courses attempted or passed, but only those which students wish to submit in fulfillment of graduation requirements.) Students who have been granted academic forgiveness must have an overall GPA of at least 2.0 since returning to USCS. A minimum grade of C is required for any course submitted for fulfillment of general or intensive major requirements in most degree programs. Exceptions to this requirement are noted in the description of each academic program.

## **Second Undergraduate Degree**

At times the University confers a second undergraduate degree upon candidates who have completed all requirements for the desired degree. A second degree is awarded provided that the additional requirements for the second degree include a minimum of 18 semester hours beyond those required for the first degree. Students may pursue both degrees simultaneously. A separate application is required for each USCS degree.

## **Student Responsibility**

The USCS *Student Handbook* contains additional rules and regulations as well as the Code of Academic Responsibility. Students are responsible for obtaining a copy of the handbook from the student affairs office upon registration.

## Notification of Student Rights Under FERPA

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. They are:

(1) *The right to inspect and review the student's education records within 45 days of the day the University receives a request for access.*

Students should submit to the registrar, dean, head of the academic division, or other appropriate official, written requests that identify the record(s) they wish to inspect. The university official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the university official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

(2) *The right to request the amendment of the student's education records that the student believes are inaccurate or misleading.*

Students may ask the University to amend a record that they believe is inaccurate or misleading. They should write the University official responsible for the record, clearly identifying the part of the record they want changed, and specify why it is inaccurate or misleading.

If the University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

(3) *The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.*

The University of South Carolina will disclose information from a student's education records only with the written consent of the student, except:

- (a) To school officials with legitimate educational interests;

• A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position; a person or company with whom the University has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting an other school official in performing his or her tasks.

• A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

- (b) To officials of other institutions in which the student seeks or intends to enroll provided that the student has previously requested a release of his/her record;
- (c) To authorized representatives of the U.S. Department of Education, the Comptroller

General of the United States, state educational authorities, organizations conducting studies for or on behalf of the University, and accrediting organizations;

- (d) In connection with a student's application for, and receipt of, financial aid;
- (e) To comply with a judicial order or lawfully issued subpoena;
- (f) To parents of dependent students as defined by the Internal Revenue Code, Section 152;
- (g) To appropriate parties in a health or safety emergency; or
- (h) To the alleged victim of any crime or violence of the results of any disciplinary proceedings conducted by the University.

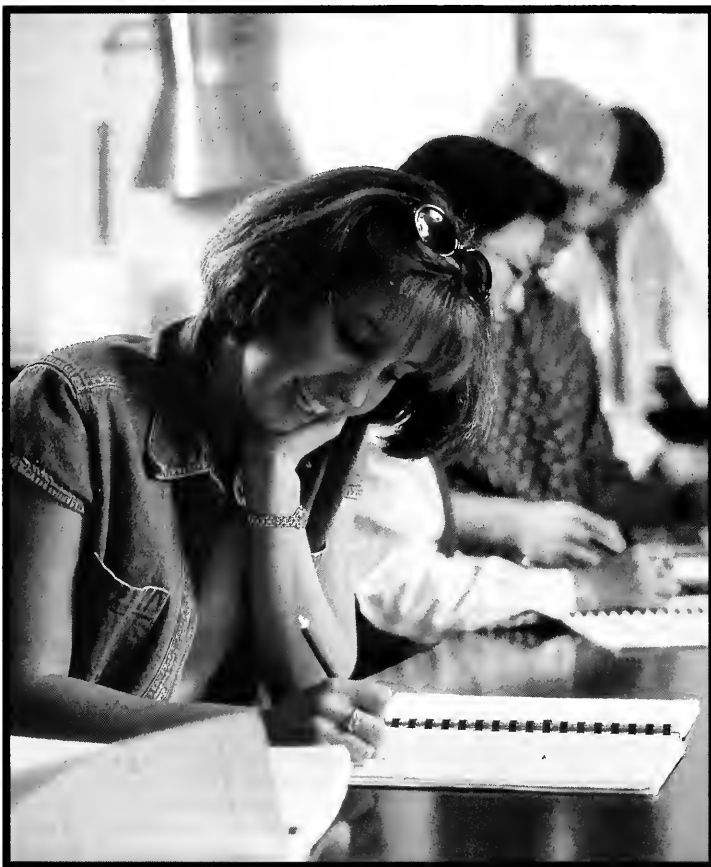
The University of South Carolina has designated the following items as **directory information**: a student's name, electronic mail address, local and permanent mailing addresses and telephone numbers, semesters of attendance, enrollment status (full- or part-time), date of admission, date of graduation, school, majors and areas of concentration, whether or not currently enrolled, classification (freshman, etc.), type of degree being pursued, degrees, honors, and awards received (including scholarships and fellowships), weight and height of members of athletic teams, and whether the student has participated in officially recognized activities and sports sponsored by the University.

The University may disclose any of these items without prior written consent, unless the student has submitted a written request to the Office of the Registrar not to release directory information pertaining to them. Requests will be processed within 24 hours after receipt. Directory information with be withheld from student directories and telephone books only if notification is received prior to the publication of these documents. The electronic directory is updated each weekend; requests for non-disclosure will be honored with the next update after the request is processed by the staff of the Office of the Registrar.

(4) *The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA.*

The name and address of the office that administers FERPA is: Family Policy Compliance Office, U.S. Department of Education, 600 Independence Avenue, SW, Washington DC 20202-4605.

Questions concerning this law and the University's procedures concerning release of academic information may be directed to the Office of the Registrar at 864-503-5220.



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*Academic Programs*

## Curricula

The curricula established for all bachelor's degrees include, generally, a set of courses that fulfill the general education requirements, a set of courses that comprise a departmental major, a set of courses that comprise a cognate, and several elective courses.

**General Education Requirements.** A set of general education requirements is included in each baccalaureate program. The purpose of such requirements is to provide a broadly based educational foundation upon which an area of specialization may be developed. For this reason, students are encouraged to select various courses outside their major area of study.

To help ensure common educational competencies and skills in all students, the faculty has adopted a set of general education requirements that apply across all curricula of the University. However, the options provided in the general education requirements have been limited and structured to meet the needs of each major. Students are, therefore, advised to follow the specific requirements listed in the catalog under the individual majors.

## General Education Requirements

The general education requirements listed below are incorporated into all majors at USCS. They represent a minimum level of introduction to various subdivisions in the liberal arts, providing a common educational experience for all USCS graduates. A course may be used to satisfy only one general education requirement.

### I. Communication

Purposes: To be able to read, write, speak and comprehend standard English effectively.  
English 101 and 102; or 146<sup>1</sup> ..... 6  
Speech 201 ..... 3

All students must be proficient in writing to be graduated from USCS. English 102 or 146 (with a minimum grade of C in 146) at USCS satisfies this requirement. Transfer students may demonstrate proficiency in writing by any of the following:

- Successful completion of English 102 at USCS
- Successful completion of English 146 at USCS with a minimum grade of C
- Successful completion of a writing competency test (the test may be repeated once)
- Successful completion of English 245 at USCS

### II. Mathematics

Purposes: To have knowledge of the fundamentals of algebra especially as used in solving principal, interest, motion, area, volume, rate and comparable concepts; to be able to construct,

read and interpret graphs, to be able to understand elementary statistics.

Mathematics 120 or a higher level mathematics course (some USCS majors require higher level mathematics courses) or successful completion of a mathematics competency examination ..... 3  
One additional course to be selected from a higher level mathematics course, logic or statistics ..... 3

### III. Arts and Humanities

Purposes: To exhibit an appreciation of the cultural roots of modern society; to develop analytical reading and writing skills; to explore the fine arts: music, art, drama.

Fine arts ..... 3  
History 111, 112 ..... 3  
One course selected from the following (but not more than 3 hours in a single discipline in the fine arts) ..... 3  
American literature; American studies; art; English literature, linguistics, or literary theory; history; literature in a foreign language; music; philosophy; religion; speech; theatre; world literature

### IV. Social and Behavioral Sciences

Purposes: To understand the dynamics of interactions at the personal, group and societal level; to have introductory understanding of the dynamics of local, state, national and international relationships; to exhibit the ability to organize data and information and to analyze and interpret data and information.

Government 201 or American Studies 101 or 102 ..... 3  
Courses from two of the following, with two disciplines represented: ..... 6  
Anthropology; Economics 221, 222; government and international studies; Geography 101, 103; psychology (except 225); sociology (except 201); Women's studies 101

### V. Natural Science

Purposes: To explore the methods, strengths and limitations of science; to exhibit a knowledge of important scientific models which form a basis of our modern culture; to experience the gathering, organization and interpretation of data; to explore the interrelatedness of science and society.

Two courses, including at least one laboratory course, to be selected from one or more of the following: ..... 7-8  
Astronomy; biology; chemistry; Geography 201, 202; geology; physics

### VI. Foreign Culture ..... 3

Purposes: To develop an understanding of contemporary foreign culture; to have an awareness of cultural diversity; to increase understanding of international issues.

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

A course of an international nature chosen from the following:  
 Anthropology 102; art; Economics 503; English 275, 276, 290, 322, 319, 423; Geography 121, 212, 340;  
 Government and International Studies 310, 326, 327, 420 (or Women's Studies 420), 491;  
 History 112, 334, 335, 343, 340, 341, 360, 361, 370, 371, 372, 391; or any foreign language course except 103; or Religion 103.

## VII. Computer Studies ..... 3

Purposes: To exhibit a knowledge of the uses and limitations of computers, both generally and in the student's major discipline; to be able to use existing software packages and word processing on a micro computer.

This requirement may be fulfilled in one of the following three ways: Computer Science 138; a computer science course numbered 141 or above; or Engineering 101 and 102. Students with previous computer experience may satisfy the computer studies requirement by successful completion of a competency test.

## VIII. Senior Seminar ..... 1-12

Purposes: To integrate knowledge at an advanced level; to explore ethical issues; to gain experience in research and oral presentation.

A course or combination of courses (1 or more semester hours) selected in consultation with the student's major advisor.

## Total general education requirements ..... 47-60

### Major Requirements

Each baccalaureate program includes courses to enable students to specialize in a particular area of interest. A minimum grade of C is required for any course submitted for fulfillment of a major requirement. Exceptions to this requirement are noted in the description of each academic program.

### Cognate

In addition to the satisfactory completion of courses in the major field of study, students in degree programs in the College of Arts and Sciences must complete a specified number of hours in advanced courses related to their major. Cognates are not required for professional degrees (i.e., nursing, education, business administration).

The cognate is a coherent selection of courses, typically 300-level or higher, which are approved in advance by the student's major advisor and which support the course work in the major. A cognate may be from one discipline outside the major field or be selected from two

or more disciplines outside the major field. To assist students in the selection of coherent multidisciplinary cognates, the College of Arts and Sciences has suggested some options. Other multidisciplinary cognates may be planned with the advisor.

Courses usually eligible for consideration as cognate credit include all courses numbered 300 and above, as well as the following:

Art History and Art Studio 200 and above  
 Computer Science 210 and above  
 Foreign language 202 and above  
 Geography 200 and above  
 Mathematics 243 and above  
 Philosophy 200 and above  
 Physics 201 and above

### Possible Multidisciplinary Cognates

Appropriate internship, topics, or independent studies courses may be used in any multidisciplinary cognate.

African/African-American Studies: Courses primarily about Africa, African-Americans, or race relations in art, history, literature, or sociology, including Sociology 431, Social Inequality: Class, Race and Gender in the United States.

Business: Business Administration 347, Legal Environment of Business; Business Administration 350, Principles of Marketing; Business Administration 351, Consumer Behavior; Business Administration 352, Marketing Communications; Business Administration 369, Personal Finance; Business Administration 371, Organizational Management and Behavior; Business Administration 374, Management of Human Resources; Business Administration 377, Working in Teams; Business Administration 452, International Marketing; Business Administration 471, New Business Enterprise; Psychology 311, Industrial and Organizational Psychology; and Sociology 471, Organizations and Occupations.

Fine Arts: 200-level or higher art studio (SART) or art history (SATH); 300 level or higher theater or music.

German Studies: German 202, Intermediate German, and higher; History 340, Germany Since 1870.

Leadership Studies: Students are limited to two courses from any one discipline. Business Administration 371, Organizational Management and Behavior; Business Administration 374, Management of Human Resources; Business Administration 377,

Working in Teams; Government and International Studies 370, Introduction to Public Administration; Philosophy 310, Ethics for the Professions; Psychology 307, Social Psychology; Psychology 311, Industrial and Organizational Psychology; Sociology 445, Community Organization; Sociology 471 Organizations and Occupations; Speech 310, Principles of Interpersonal and Group Communication; University 310, leadership Internship.

Quantitative Research: Statistics courses in mathematics; Psychology 402, Experimental Topics in Psychology; Sociology 401, Sociological Research Methods.

Physical Sciences: physics, 200-level; chemistry and geology, 300-level or higher.

Political Philosophy: government and international studies course in political theory or thought, 300 level or higher including Government and International Studies 350, Women and Politics; ethics or history of philosophy, 200-level or higher.

Women's Studies: 300-level or higher courses listed within women's studies (SWST) and courses primarily focused on women in areas such as art, English, history, literature, government and international studies, psychology, sociology, or criminal justice.

## ***Electives***

Most degree programs allow students the opportunity to take a limited number of courses that do not fulfill any specific academic requirements. Normally, any course can be counted as an elective, but some restrictions may be imposed by particular degree programs. Elective credits for participation in the university chorus, orchestra, band or physical education activity courses may be counted up to a maximum of four credits. Elective credits for special university courses (SUNV) may be counted up to a maximum of six credits.

## ***Special Programs***

### ***Three-Year Degree Program***

USCS offers students the opportunity to complete programs of study to earn a bachelor's degree in just three years. This accelerated program is available in early childhood education, elementary education, criminal justice, psychology and sociology.

Participants in the Three-Year Degree program are expected to indicate their interest at the time they apply as freshmen. Students may graduate in three years by meeting all academic requirements and by following the suggested course sequence requiring students to earn 16 to 18 hours per semester and 9 to 12 hours each summer.

See the section on the School of Education for further information on early childhood education and elementary education. More information on majors in criminal justice, psychology and sociology are available under the College of Arts and Sciences.

It may be possible to complete other majors in three years. Contact the appropriate college or school.

## ***Pre-engineering***

The USCS pre-engineering program is designed to meet the entrance requirements for the USC Columbia and Clemson University schools of engineering. The pre-engineering program is a two-year course of study that includes basic engineering courses, science and mathematics courses, and humanities and social science courses. After completion of the two-year pre-engineering curriculum, students must transfer to another institution to complete the last two years of the baccalaureate. Entry to these degree-completion programs is on a competitive basis. For more information on the pre-engineering program, contact the chair of the Division of Natural Sciences and Engineering.

## ***Health-related Fields***

In addition to nursing, USCS offers other opportunities to students interested in health-related careers. Different advisement tracks are available for pre-medical, pre-dental, pre-veterinary and pre-optometry students. Typically, a student completes a four-year baccalaureate in the sciences at USCS before entering a postgraduate professional program. A student must seek admission to a school that offers the desired professional degree. Entry into these professional programs is on a competitive basis.

USCS also offers advisement programs to students interested in allied health professions (e.g., pre-physical therapy, pre-occupational therapy, pre-speech pathology). After completion of two or more years of course work at USCS, students must apply for admission to a school that offers the specific professional baccalaureate completion program. The number of credit hours to be earned at USCS is dependent upon the specific pre-professional program. The Medical University of South Carolina (MUSC) offers the greatest diversity of allied health baccalaureate and graduate programs in the state. Entry into the MUSC programs or other professional degree completion programs is on a competitive basis.

Further information on health-related programs may be obtained from the chair of the Division of Natural Sciences and Engineering.

## ***Pre-law<sup>1</sup>***

USCS provides advisement and information about various law school programs through the Chair of the Division of Social and Behavioral Sciences. Because most law schools do not prescribe a specific curriculum, USCS does not offer a pre-law major. While students interested in law often major in political science, a variety of other disciplines such as history, English, economics, business and math provide excellent backgrounds. Law schools want students who have mastered written and spoken English and who have the ability to analyze and think critically. They prefer a variety of learning experi-

ences since the practice of law encompasses knowledge in many fields. In addition to certain requirements in the general education program, such as speech, math, computer science, lab science, American government, the following courses represent the broad base of knowledge preferred by most law schools:

- **Freshman and Sophomore Years**

Psychology 101  
Foreign language  
Sociology 101  
Economics 221  
History 112  
Accounting (SBAD 225)

- **Junior and Senior Years**

Logic 205 and 207  
International Law (SGIS 460)  
Literature Course  
Legal Environment of Business (SBAD 347)  
Judicial Process (SGIS 452)  
Constitutional Law (SGIS 450)  
Civil Rights and Civil Liberties (SGIS 451)

Students should understand that taking specific courses is not nearly as important in gaining entrance to law school as maintaining a solid grade point average (GPA) and attaining a respectable score on the Law School Aptitude Test (LSAT). Students in any major or program interested in attending law school should contact the chair of the Division of Social and Behavioral Sciences for assignment of a pre-law advisor.

### **Pre-pharmacy**

USCS provides advisement services to pre-pharmacy students through specified faculty members in chemistry. In the fall, a representative of the School of Pharmacy from the University of South Carolina Columbia meets with interested USCS students to help with advisement. The Medical University of South Carolina in Charleston (MUSC) admits a number of USCS students into its pharmacy school. Entrance requirements differ from those at USC in a number of important ways. A pharmacy advisor should be consulted if one is planning to attend MUSC. Other schools send literature to USCS for prospective pharmacy students.

It must be emphasized that USCS does not offer a degree in pharmacy. However, through an arrangement between USCS and the USC School of Pharmacy, students may apply to the USC School of Pharmacy as early as their freshman year, receive conditional acceptance, and continue at USCS through the sophomore year. The USC School of Pharmacy considers all pre-pharmacy courses as a part of the required courses for the pharmacy program. The following recommended sequence of courses have been developed through consultation between the USC School of Pharmacy and USCS.

### **Recommended Courses for the USC School of Pharmacy**

- **First Pre-pharmacy Year**

Biology 101: Biological Science I  
Biology 102: Biological Science II  
Chemistry 111: General Chemistry  
Chemistry 112: General Chemistry and Qualitative Analysis  
English 101, 102: Composition and Literature  
Mathematics 122: Calculus for Management and Social Science or Mathematics 143: Calculus I  
100-level history  
Fine arts elective  
Psychology 101: Introduction to Psychology

- **Second Pre-pharmacy Year**

Biology 232: Human Anatomy or Biology 242: Human Physiology  
Chemistry 331: Organic Chemistry  
Chemistry 331L: Organic Chemistry Laboratory  
Chemistry 332: Organic Chemistry  
Chemistry 332L: Organic Chemistry Laboratory  
Mathematics 201: Elementary Statistics  
Physics 201: General Physics I  
Physics 202: General Physics II  
Economics 221: Principles of Macroeconomics or Economics 222: Principles of Microeconomics  
Electives (9 semester hours)  
Electives should be chosen from the humanities and the social sciences.

As soon as possible, students interested in pursuing a career in pharmacy should contact the chair of the Division of Natural Sciences and Engineering for assignment to a pre-pharmacy advisor.

### **Three-Plus-One Program**

USCS awards the Bachelor of Arts or the Bachelor of Science in Interdisciplinary Studies to a student who has satisfactorily completed at least 90 semester hours of undergraduate work and one year (30 semester hours) of work in an approved accredited professional school, provided the applicant has:

- made application to the interdisciplinary studies program at USCS;
- satisfied all general education and B.A. or B.S. option requirements for the interdisciplinary studies degree, with all minimum grade requirements met;
- completed a minimum of 15 semester hours of junior- and senior-level courses at USCS;
- completed at least 30 semester hours of undergraduate work at USCS;
- submitted a notice of intent, approved by the dean of the College of Arts and Sciences, prior to leaving USCS to enter the professional, post-graduate school; and
- submitted official documents from the approved professional school demonstrating satisfactory completion of the first year of full-time study leading to a post-baccalaureate degree.

A degree other than interdisciplinary studies may be awarded if the combination of course work taken at USCS

<sup>1</sup>Students desiring a postgraduate professional degree should note requirements for the Three-Plus-One Program outlined later in this section.

and the professional school is equivalent to the work required for another bachelor's degree program at USCS. In such a case, the school in which the degree is offered may recommend awarding that bachelor's degree.

### ***Army Reserve Officer Training Corps (ROTC)***

Participation in ROTC is voluntary. Semester hours earned with the department can be applied toward an academic degree program. Uniforms, textbooks and equipment required for the ROTC program are provided at no expense to the student. For ROTC scholarship students, the Army pays tuition and other expenses (see description under "Scholarships"). The ROTC program is normally four years of instruction; however, a two-year program is also offered. The four-year program of instruction is divided into the Basic Program and the Advanced Course.

**The Basic Program.** Acceptance may be considered when one of the following programs have been completed: six semester hours in the Basic Program, two years of active military duty with an honorable discharge, or three years of JROTC. Students must show leadership potential and meet the necessary physical and academic standards. Students participating in the Basic Program have no military service obligation.

**The Advanced Program.** Satisfactory completion of six semester hours in the Basic Program, substitute military experience (two years of active duty with an honorable discharge), or three years of JROTC qualifies students for entrance into the Advanced Program, if they have also shown leadership potential and have met the necessary physical and academic standards. The student must be an academic junior or senior with acceptance to graduate school to qualify for the advanced program.

Normally taken during the student's junior and senior years, the Advanced Program offers a maximum of 12 semester hours. It provides instruction in techniques of effective leadership, tactics, military law, logistics, administration, responsibility of the officer, and the exercise of command. It is designed to further the development of the student's leadership qualities. Advanced Program students receive a tax-free subsistence allowance of \$150 per month for 10 academic months per year, and are paid approximately \$800 for the five-week Summer Camp they are required to attend after completion of their junior year. The total subsistence and pay amounts to more than \$3,000 while enrolled in the Advanced Program. Cadets graduating from the ROTC program receive a second lieutenant's commission upon completing their undergraduate degree requirements.

The Advanced Program cadet may elect to enter active duty for three years or participate in the Reserve Force Duty Program (R.F.D.) as means for fulfilling the incurred obligation for military service. Under the R.F.D. program, students are commissioned in either the National Guard or the U.S. Army Reserves for a total of eight years, during which time they attend monthly paid drill periods. This enables individuals to pursue civilian careers and serve their nation at the same time. The R.F.D. program can be guaranteed if the student desires. Moreover, students' preferences concerning the occupational specialty in which they wish to serve are taken into

consideration prior to assignment. The options offered are numerous and attractive.

**ROTC Activities.** In addition to normal classroom instruction, the Military Science Department sponsors numerous extracurricular activities. These activities are designed to complement and reinforce classroom skills and techniques. Participation is voluntary and no academic credit is awarded. The activities presently offered are the rifle team, and the Rangers. A chapter of the National Military Honor Society of Scabbard and Blade is available for student participation. Adventure activities such as rappelling, orienteering, mountaineering and white water rafting are open for participation.

### ***Graduate Programs in Education***

USCS offers the Master of Education in Early Childhood Education and the Master of Education in Elementary Education. Classes required for these two programs of study are available in spring, summer and fall semesters. Individuals applying to these degree programs must submit: (1) a completed degree-enrollment application form, (2) a residency verification form, (3) a copy of a teaching certificate, (4) a \$25 application fee, (5) a minimum Miller Analogy Test (MAT) score of 35 or Graduate Record Examination (GRE) score of 400 on the verbal section and 400 on the mathematics section, (6) official copies of the transcripts from all previous undergraduate and graduate studies, and (7) two letters of recommendation. Application materials are available from the USCS Admissions Office or the USCS Graduate Programs Office. Additional information about these programs is included in the back of this catalog.

USCS also offers a variety of professional development graduate courses designed to help teachers update knowledge and skills essential for successful classrooms. These include for-pay summer institutes as well as grant-funded and contract courses. Information about professional development graduate courses can be obtained from the USCS Graduate Programs Office. Six hours of approved professional development courses may be applied toward a graduate degree.

### ***The Extended Graduate Campus***

The Extended Graduate Campus encompasses University of South Carolina Columbia graduate programming offered anywhere away from the Columbia campus, regardless of delivery mechanism. New delivery mechanisms including two-way interactive, video and internet-based instruction are being phased into the programs to add depth to current offerings. The University offers degree programs at many locations around the State, including Spartanburg.



# ***Majors and Programs***

## **Bachelor's Degrees**

Biology  
Business Administration  
and Economics  
(concentrations in accounting, economics/finance,  
general business administration, management and  
marketing)  
Chemistry  
Communication (concentrations in journalism,  
speech and theater)  
Computer Science (concentrations in computer  
information systems and applied mathematics)  
Criminal Justice  
Early Childhood Education  
Elementary Education  
English  
French  
Graphic Design\*  
History  
Information Management and Systems  
Interdisciplinary Studies  
Mathematics  
Middle Grades Education  
Nursing  
Physical Education (concentration in corporate fitness)  
Political Science  
Psychology  
Secondary Education (concentrations in biology,  
chemistry, English, mathematics, French, social  
studies/history, social studies/political science and  
Spanish)  
Sociology  
Special Education  
Spanish

## **Associate's Degree**

Technical Nursing

## **Master's Degrees**

Early Childhood Education  
Elementary Education

## **Certification**

Early Childhood Education  
Elementary Education  
Physical Education  
Secondary Education  
Special Education

## **Pre-professional Programs**

Pre-Chiropractic  
Pre-Dental  
Pre-Engineering  
Pre-Law  
Pre-Medical  
Pre-Optometry  
Pre-Occupational Therapy  
Pre-Pharmacy  
Pre-Physical Therapy  
Pre-Physician Assisting  
Pre-Speech Pathology  
Pre-Veterinarian Medicine

*\*pending final Commission on Higher Education approval*



*College of Arts and Sciences*

The College of Arts and Sciences, consists of four academic divisions: fine arts, languages and literature; mathematics and computer science; natural sciences and engineering; and social and behavioral sciences. The College also offers the Bachelor of Arts and the Bachelor of Science in Interdisciplinary Studies, and the Bachelor of Arts in Information Management and Systems. The College of Arts and Sciences, as the cornerstone of the University of South Carolina Spartanburg, provides curricula for the general education requirements and for diverse liberal arts and sciences majors. Consistent with the University's mission, the college provides opportunities for students to:

- acquire proficiency in communications and mathematics;
- develop the ability to reason, critically and ethically;
- obtain historical, scientific, social and cultural perspectives;

- attain a high level of scholarship in the humanities and sciences degree programs; and
- regard learning as a continuing process of intellectual growth.

Enrichment programs resulting from these educational endeavors of the College of Arts and Sciences benefit the intellectual and cultural life of the entire community.

**Three-year Degree Program.** Students who enter USCS as freshmen may choose the three-year degree completion option in criminal justice, psychology, sociology or natural sciences. Three-year options are available in other areas. Please consult your academic dean. This option requires that you attend classes year-round. Course loads will be 16 to 18 hours during the fall and spring semesters and 9 to 12 hours during the summer session. Please contact your academic advisor or division chair if you wish to consider the three-year completion option.

## ***Division of Fine Arts, Languages and Literature***

The Division of Fine Arts, Languages and Literature in the College of Arts and Sciences offers the Bachelor of Arts degree with majors in communication, graphic design, English, French and Spanish. Courses are also offered in art, German and music.

In general, assignments for courses numbered 300 or above are more rigorous and the grading standards more demanding than for courses numbered 299 or lower.

Specific degree requirements for the majors in communication, English, French and Spanish include a 12-semester hour cognate. The cognate consists of upper-level courses chosen from one or more fields and is intended to support the course work in the major. All courses taken for fulfillment of the cognate requirement must be approved by the faculty of the major area of study.

### **Bachelor of Arts Major in Communication Student Worksheet**

<b>General Education Courses</b>			<b>IV. Social and Behavioral Sciences</b>	
<b>I. Communication</b>				
_____ English 101 and 102; or 146 <sup>1</sup>	6		_____ Government and International Studies 201 or American Studies 101 or 102	3
_____ Speech 201	3		_____ Two courses selected from the following with two disciplines represented: Anthropology; Economics 221, 222; Geography 101, 103; government and international studies; psychology (except 225); sociology (except 201)	6
<b>II. Mathematics</b>				
_____ Mathematics 120, 121, 126, or appropriate introductory course	3			
_____ Statistics	3			
<b>III. Arts and Humanities</b>			<b>V. Natural Sciences</b>	
_____ Fine arts	3		_____ Two courses, including at least one laboratory course, to be selected from one or more of the following: Astronomy; biology; chemistry; Geography 201, 202; geology; physics	7-8
_____ History 111 or 112	3			
_____ One course selected from the following (but not more than 3 hours in a single discipline in the fine arts): American literature; American studies; art; English literature, linguistics, or literary theory; history; literature in a foreign language; music; philosophy; religion; speech; theatre; world literature	3		<b>VI. Foreign Culture</b>	
			_____ Foreign language 101 and 102	6
			<b>VII. Computer Studies</b>	3-4
			_____ This requirement may be fulfilled in one of the following three ways:	
			<input type="checkbox"/> Computer Science 138	
			<input type="checkbox"/> a computer science numbered 141 or above	
			<input type="checkbox"/> Engineering 101 and 102	

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

**Major Requirements<sup>1</sup>**

All students must complete the following six courses with a minimum grade of "C" 18

- \_\_\_\_\_ SSPH 301: Survey of Human Communication
- \_\_\_\_\_ SSPH 340: Voice and Diction
- \_\_\_\_\_ SJOU 301: Survey of Mass Communication
- \_\_\_\_\_ STHE 301: Dramatic Theory and Criticism (or STHE 375: Theatre History)
- \_\_\_\_\_ SJOU 304: Writing for the Media
- \_\_\_\_\_ SCOM 490: Senior Seminar in Communication

Students must complete fifteen credit hours from either Group A: Theatre, Group B: Speech, or Group C: Journalism<sup>1</sup> 15

**Group A: Theatre**

- ☐ STHE 170: Fundamentals of Acting
- ☐ STHE 260: Theatre Laboratory
- ☐ STHE 372: Design for the Theatre
- ☐ STHE 373: Play Directing
- ☐ STHE 374: Intermediate Acting
- ☐ STHE 398: Selected Topics in Theatre
- ☐ SEGL 405: Shakespeare: The Early Plays
- ☐ SEGL 406: Shakespeare: The Late Plays
- ☐ SEGL 422: Modern Drama
- ☐ SCOM 399: Internships in Communication

**Group B: Speech**

Students must take a minimum of six hours from each of the following categories: and one additional course:

## 1. Skills

- ☐ SSPH 310: Interpersonal and Group Communication
- \_\_\_\_\_ SSPH 325: Speech for Radio and Television
- \_\_\_\_\_ SSPH 333: Speechwriting
- ☐ SSPH 440: Argumentation and Debate
- \_\_\_\_\_ SSPH 399: Internships in Communication (may be counted only once)

## 2. History and Theory

- ☐ SSPH 398: Selected Topics in Speech Communication
- ☐ SSPH 444: History and Criticism of American Public Address
- ☐ SSPH 447: Persuasive Communication or SSPH 448: Organizational Communication
- ☐ SSPH 448: Organizational Communication

**Group C: Journalism**

Students must take a minimum of 3 hours from each of the following four categories and an additional course from any of the categories for a total of 15 credit hours.

- \_\_\_\_\_ Writing 3-6
- ☐ SJOU 333: Newswriting and Reporting
- ☐ SJOU 334: Writing for Broadcasting
- ☐ SJOU 335: Feature Writing
- \_\_\_\_\_ History and Theory 3-6
- ☐ SJOU 302: History of Journalism
- ☐ SJOU 424: History of American Broadcasting
- ☐ SJOU 310: Mass Media and Society
- \_\_\_\_\_ SJOU 365(=SGIS 365): Politics and Media Law and Ethics of the Profession 3
- ☐ SJOU 303: Law and Ethics of Mass Media
- \_\_\_\_\_ Professional Options 3-6
- ☐ SJOU 325 (= SSPH 325): Speech for Radio and Television
- ☐ SJOU 326: Motion Picture and Video Techniques
- ☐ SJOU 328: Public Relations and Persuasion
- \_\_\_\_\_ SJOU 426: Advanced Video Production
- ☐ SJOU 430: Media Management
- ☐ SCOM 399: Internship in Communications
- ☐ SBAD 350: Principles of Marketing
- ☐ SART 214: Graphic Design I or SART 261: Introduction to Photography
- \_\_\_\_\_ SART 314: Graphic Design II
- \_\_\_\_\_ SART 315: Graphic Design III
- \_\_\_\_\_ SART 361: Photography II
- \_\_\_\_\_ SART 461: Photography III
- ☐ SEGL 318: Writing and Computers

*Note: SJOU 398: Special Topics in Journalism, may be used in any category if appropriate; for example, a special topics "Screenwriting" or "Feature Writing" in Category I.*

**Cognate<sup>1</sup> (with approval of advisor) 12**


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**Supporting Courses**

- \_\_\_\_\_ Any two English courses 6
- \_\_\_\_\_ at the 300 level or above
- \_\_\_\_\_ Foreign language 201 or above 3
- \_\_\_\_\_ Any additional history course 3

**Electives 12-14**


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**Total hours required 120**

<sup>1</sup>A minimum grade of C is required.

# Bachelor of Arts Major in English Student Worksheet

## General Education Courses

- I. Communication**
- \_\_\_\_\_ English 101 and 102; or 146<sup>1</sup> 6
- \_\_\_\_\_ Speech 201 3
- II. Mathematics**
- \_\_\_\_\_ Mathematics 120, 121, 126, 3  
or appropriate introductory course
- \_\_\_\_\_ Another mathematics course (above 3  
126) or Logic 205, 207, or above 3
- III. Arts and Humanities**
- \_\_\_\_\_ Fine arts 3
- \_\_\_\_\_ History 111 or 112 3
- \_\_\_\_\_ One course selected from 3  
the following (but not more than 3  
hours in a single discipline in the  
fine arts): American literature;  
American studies; art; English  
literature, linguistics, or literary  
theory; history; literature in a  
foreign language; music;  
philosophy; religion; speech; theatre;  
world literature
- IV. Social and Behavioral Sciences**
- \_\_\_\_\_ Government and International 3  
Studies 201 or American Studies  
101 or 102
- \_\_\_\_\_ Two courses selected from 6  
the following with two  
disciplines represented:  
Anthropology; Economics 221,  
222; Geography 101, 103; government  
and international studies;  
psychology (except 225);  
sociology (except 201)
- V. Natural Sciences**
- \_\_\_\_\_ Two courses, including 7-8  
at least one laboratory course, to  
be selected from one or more of  
the following: Astronomy;  
biology; chemistry; Geography  
201, 202; geology; physics
- VI. Foreign Culture**
- \_\_\_\_\_ Foreign language 101 3
- VII. Computer Studies** 3-4
- \_\_\_\_\_ This requirement may be  
fulfilled in one of the following  
three ways:
- ☐ Computer Science 138

- ☐ a computer science  
numbered 141 or above
- ☐ Engineering 101 and 102

## VIII. Senior Seminar: see major requirements

## Major Requirements<sup>2</sup>

English courses at the 300-level or higher,  
which must include the following:  
English literature (two periods represented) 6

\_\_\_\_\_ American literature (two periods represented) 6

\_\_\_\_\_ Linguistics or development of the language 3

\_\_\_\_\_ Multi-cultural literature 3

\_\_\_\_\_ Shakespeare 3

\_\_\_\_\_ Genre course 3

\_\_\_\_\_ Literary theory 3

\_\_\_\_\_ Studies in writing 3

\_\_\_\_\_ Senior seminar 3

**Cognate<sup>2</sup> (with approval of advisor)** 12

## Supporting Courses

- \_\_\_\_\_ Additional history course 3
- \_\_\_\_\_ History 111-112 sequence 9
- \_\_\_\_\_ Foreign language 102,  
plus 201 and 202 or above
- \_\_\_\_\_ British or world literature 3  
at the 200-level

**Electives** 12-13

**Total hours required** 120-121

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C  
in English 146.

<sup>2</sup>A Minimum grade of C is required.

# Bachelor of Arts Major in French Student Worksheet

## General Education Courses

VIII. Senior Seminar: *see major requirements*

### I. Communication

- \_\_\_\_\_ English 101 and 102; or 146<sup>1</sup> 6
- \_\_\_\_\_ Speech 201 3

### II. Mathematics

- \_\_\_\_\_ Mathematics 120, 121, 126, 3  
or appropriate introductory course
- \_\_\_\_\_ One additional course to be 3  
selected from a higher level  
mathematics course above 126,  
logic, or statistics

### III. Arts and Humanities

- \_\_\_\_\_ Fine arts 3
- \_\_\_\_\_ History 111 3
- \_\_\_\_\_ One course selected from the 3  
following (but not more than  
3 hours in a single discipline  
in the fine arts): American  
literature; American studies; art;  
English literature, linguistics,  
or literary theory; history; music;  
philosophy; religion; speech;  
theatre; world literature

### IV. Social and Behavioral Sciences

- \_\_\_\_\_ Government and International 3  
Studies 201 or American Studies  
101 or 102
- \_\_\_\_\_ Geography 121 4
- \_\_\_\_\_ One course selected from the 3  
following: Anthropology;  
Economics 221, 222; government  
and international studies; psychology  
(except 225); sociology (except 201)

### V. Natural Sciences

- \_\_\_\_\_ Two courses, including at least 7-8  
one laboratory course, to be  
selected from one or more of  
the following: Astronomy; biology;  
chemistry; Geography 201, 202;  
geology; physics

### VI. Foreign Culture

- \_\_\_\_\_ History 112 3

### VII. Computer Studies

- \_\_\_\_\_ This requirement may be fulfilled 3  
in one of the following three ways:
- ☐ Computer Science 138
- ☐ a computer science  
numbered 141 or above
- ☐ Engineering 101 and 102

## Major Requirements<sup>2</sup>

- \_\_\_\_\_ French 104: French Culture 3
- \_\_\_\_\_ One of the following: 3-6
- \_\_\_\_\_ French 210: French Oral  
Communication, French 310:  
French Conversation or  
French 250 or 350: Selected  
French Studies Abroad
- \_\_\_\_\_ French 309: French Grammar and 3  
Composition or French 308:  
Business French
- \_\_\_\_\_ French 320: French Civilization 3
- \_\_\_\_\_ French 330: Survey of French 3  
Literature I
- \_\_\_\_\_ French 331: Survey of French 3  
Literature II
- ☐ Two of the following: 6
- ☐ French 401: Masterpieces  
of French Poetry
- ☐ French 402: Masterpieces  
of French Drama,
- ☐ French 403: Masterpieces of the  
French Novel
- \_\_\_\_\_ English 451: Introduction to the 3  
Study of Language
- \_\_\_\_\_ French 453: Introduction to 3  
Romance Linguistics
- \_\_\_\_\_ French 490: Senior Seminar 3

## Cognate<sup>2</sup> (with approval of advisor) 12

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## Supporting Courses

Three semesters of a second 9-11  
foreign language

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\_\_\_\_\_

## Electives 12-19

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\_\_\_\_\_

\_\_\_\_\_

**Total hours required 120**

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

<sup>2</sup>A minimum grade of C is required.

# Bachelor of Arts

## Major in Graphic Design

### Student Worksheet

#### General Education Courses

- I. Communication**
- \_\_\_\_\_ English 101 and 102; or 146<sup>1</sup> 6
- \_\_\_\_\_ Speech 201 3
- II. Mathematics**
- \_\_\_\_\_ Mathematics 120 or higher 3
- \_\_\_\_\_ One additional course to be selected from a higher level mathematics course above 120 or logic or statistics 3
- III. Arts and Humanities**
- \_\_\_\_\_ Art Studio 103 3
- \_\_\_\_\_ History 111 or 112 3
- \_\_\_\_\_ One course selected from the following: American literature; American studies; English literature; linguistics, literary theory; history; literature in a foreign language, music; philosophy; religion; speech; theatre; world literature 3
- IV. Social and Behavioral Sciences**
- \_\_\_\_\_ Government and International Studies 201 or American Studies 101 or 102 3
- \_\_\_\_\_ Two courses from the following, 6 representing two disciplines: Anthropology, Economics 221,222; Geography 101, 103; government and international studies, psychology (except 225), sociology (except 201)
- V. Natural Sciences**
- \_\_\_\_\_ Two courses, including at least 7 one laboratory course, to be selected from the following: Astronomy; biology; chemistry; Geography 201, 202; geology; physics
- VI. Foreign Culture**
- \_\_\_\_\_ Foreign language 102 or higher 3
- VII. Computer Studies**
- \_\_\_\_\_ Computer Science 138 3
- VIII. Senior Seminar: see major requirements**

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

<sup>2</sup>Portfolio review is required at the end of the sophomore year for acceptance into the graphic design major. Students must make a C or better in major courses to receive credit. Portfolio deadlines and requirements may be obtained from the Office of Fine Arts, Languages and Literature.

#### Major Requirements<sup>2</sup>

- Art History**
- \_\_\_\_\_ SATH 105: Prehistoric-Gothic 3
- \_\_\_\_\_ SATH 106: Renaissance-Present 3
- \_\_\_\_\_ SATH 306: History of 20th Century Art and Architecture or with advisor approval another upper-level art history may be substituted for SATH 306 3
- \_\_\_\_\_ Art history elective with advisor approval any 200-level or above SATH course not repeated from the requirements 3

- Art Studio**
- \_\_\_\_\_ SART 104: 3D Design 3
- \_\_\_\_\_ SART 108: Computer Graphics I 3
- \_\_\_\_\_ SART 110: Drawing I 3
- \_\_\_\_\_ SART 206: Illustration I 3
- \_\_\_\_\_ SART 210: Drawing II 3
- \_\_\_\_\_ SART 214: Graphic Design I 3
- \_\_\_\_\_ SART 231: Life Drawing 3
- \_\_\_\_\_ SART 261: Photo I 3
- \_\_\_\_\_ SART 318: Interface Design I 3
- \_\_\_\_\_ SART 314: Graphic Design II 3
- \_\_\_\_\_ SART 315: Graphic Design III 3
- \_\_\_\_\_ SART 414: Graphic Design IV 3
- \_\_\_\_\_ Electives in art studio with advisor approval any 200-level or above SART course not repeated from the requirements 9

- Supporting Courses**
- \_\_\_\_\_ SBAD 350: Principles of Marketing 3
- \_\_\_\_\_ SJOU 301: Survey of Mass Communication or SJOU 310: Mass Media and Society 3

#### Concentration areas 12 (Student selects one concentration area in the junior year)

- Print Design Concentration**
- \_\_\_\_\_ SART 207: Printmaking I 3
- \_\_\_\_\_ SART 310: Drawing III 3
- \_\_\_\_\_ SART 306: Illustration II 3
- \_\_\_\_\_ SART 418: Interface II 3

- Illustration Design Concentration**
- \_\_\_\_\_ SART 211: Painting I or higher 3
- \_\_\_\_\_ SART 306: Illustration II 3
- \_\_\_\_\_ SART 310: Drawing III 3
- \_\_\_\_\_ SART 410: Drawing IV 3

*continued on next page*

**Interface Design Concentration**

_____	SART 305: Digital Art II	3
_____	SART 361: Photo II	3
_____	SART 391: Digital Animation	3
_____	SART 418: Interface II	3

**Photographic Design Concentration**

_____	SART 361: Photo II	3
_____	SART 305: Digital Art II	3
_____	SART 418: Interface II	3
_____	SART 461: Photo III	3

**Senior Seminar**

_____	SART 489: Senior Portfolio Development	3
_____	SART 490: Senior Seminar Graphic Design	3

\_\_\_\_\_ **Total hours required**      **120**

**Bachelor of Arts in Graphic Design Recommended Curriculum Schedule****Freshman Year—Fall**

SART 103-2D Design  
SART 110-Draw I  
SATH 105-Art History  
English 101  
Mathematics

**Freshman Year—Spring**

SART 104-3D Design  
SART 108-Computer Graphics I  
SATH 106-Art History  
English 102  
Computer 138

**Sophomore Year—Fall**

SART 210-Draw II  
SART 214-Graphic Design I  
SATH 306-Art History  
General Education (Group III)  
Science  
Foreign Culture

**Sophomore Year—Spring**

SART 231-Life Drawing  
SART 314-Graphic Design II  
Art History Elective  
Mathematics  
General Education III  
Government or American Studies (Group IV)

**Portfolio Review for acceptance into Graphic Design Major.****Select Area of Concentration (Print Design, Illustration Design, Photographic Design or Interface Design)****Junior Year—Fall**

SART 206-Illustration I  
SART 315-Graphic Design III  
SART 318-Interface Design I  
Science  
Speech 201

**Junior Year—Spring**

SART 261-Photo I  
SART Concentration Course  
Art Elective  
Supporting Courses  
General Education (Group IV)

**Senior Year—Fall**

SART 489-Senior Portfolio Development  
SART 414-Graphic Design IV  
SART Concentration Course  
Art Elective  
Supporting Course

**Senior Year—Spring**

SART 490-Senior Seminar Graphic Design  
SART Concentration Course  
SART Concentration Course  
Art Elective  
General Education (Group IV)



# Bachelor of Arts Major in Spanish Student Worksheet

## General Education Courses

### I. Communication

\_\_\_\_\_ English 101 and 102; or 146<sup>1</sup> 6

\_\_\_\_\_ Speech 201 3

### II. Mathematics

\_\_\_\_\_ Mathematics 120, 121, 126, 3

\_\_\_\_\_ or appropriate introductory course 3

\_\_\_\_\_ One additional course to be selected from a higher level mathematics course above 126, logic, or statistics

### III. Arts and Humanities

\_\_\_\_\_ Fine arts 3

\_\_\_\_\_ History 111 3

\_\_\_\_\_ One course selected from the following (but not more than 3 hours in a single discipline in the fine arts): American literature; American studies; art; English literature, linguistics, or literary theory; history; music; philosophy; religion; speech; theatre; world literature 3

### IV. Social and Behavioral Sciences

\_\_\_\_\_ Government and International Studies 201 or American Studies 101 or 102 3

\_\_\_\_\_ Geography 121 4

\_\_\_\_\_ One course selected from the following: Anthropology; Economics 221, 222; government and international studies; psychology (except 225); sociology (except 201) 3

### V. Natural Sciences

\_\_\_\_\_ Two courses, including at least one laboratory course, to be selected from one or more of the following: Astronomy; biology; chemistry; Geography 201, 202; geology; physics 7-8

### VI. Foreign Culture

\_\_\_\_\_ History 112 3

### VII. Computer Studies

\_\_\_\_\_ This requirement may be fulfilled in one of the following three ways:

☐ Computer Science 138

☐ a computer science numbered 140 or above

☐ Engineering 101 and 102

## VIII. Senior Seminar: see major requirements

## Major Requirements<sup>2</sup>

\_\_\_\_\_ Spanish 104: Latin American Culture or Sociology 421: 3

\_\_\_\_\_ Latin American Studies

\_\_\_\_\_ One of the following: 3-6

☐ Spanish 210: Spanish Oral Communication

☐ Spanish 310: Spanish Conversation

☐ Spanish 250 or 350: Selected Spanish Studies Abroad

\_\_\_\_\_ Spanish 309: Spanish Grammar and Composition or Spanish 308: Business Spanish 3

\_\_\_\_\_ Spanish 320: Spanish Civilization 3

\_\_\_\_\_ Spanish 330: Survey of Spanish Literature I 3

\_\_\_\_\_ Spanish 331: Survey of Spanish Literature II 3

\_\_\_\_\_ Spanish 332: Survey of Spanish American Literature I 3

\_\_\_\_\_ Spanish 333: Survey of Spanish American Literature II 3

\_\_\_\_\_ English 451: Introduction to the Study of Language 3

\_\_\_\_\_ Spanish 453: Introduction to Romance Linguistics 3

\_\_\_\_\_ Spanish 490: Senior Seminar 3

## Cognate<sup>2</sup> (with approval of advisor) 12

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## Supporting Courses

\_\_\_\_\_ Three semesters of a second foreign language 9-11

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## Electives 12-19

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## Total hours required 120

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

<sup>2</sup>A minimum grade of C is required.

# Division of Mathematics and Computer Science

The Division of Mathematics and Computer Science in the College of Arts and Sciences offers the Bachelor of Science degree in mathematics and the Bachelor of Arts and Bachelor of Science degrees in computer science.

## Bachelor of Science Major in Mathematics Student Worksheet

### General Education Requirements

<b>I. Communication</b>		
_____ English 101 and 102; or 146 <sup>1</sup>	6	
_____ Speech 201	3	
<b>II. Mathematics<sup>2</sup></b>		
_____ Mathematics 143, 144	6	
<b>III. Arts and Humanities</b>		
_____ Fine arts	3	
_____ History 111 or 112	3	
_____ One course selected from the following (but not more than 3 hours in a single discipline in the fine arts): American literature; American studies; art; English literature, linguistics, or literary theory; history; literature in a foreign language; music; philosophy; religion; speech; theatre; world literature	3	
<b>IV. Social and Behavioral Sciences</b>		
_____ Government and International Studies 201 or American Studies 101 or 102	3	
_____ Two courses selected from the following with two disciplines represented: Anthropology; Economics 221, 222; Geography 101, 103; government and international studies; psychology (except 225); sociology (except 201)	6	
<b>V. Natural Sciences</b>		
_____ Biology 101, 102; or Chemistry 111, 112; or Physics 211, 212	8	
<b>VI. Foreign Culture</b>		
_____ Foreign language 101	3	
<b>VII. Computer Studies<sup>2</sup></b>		
_____ Computer Science 141	3	

### VIII. Senior Seminar: *see major requirements*

### Major Requirements<sup>2</sup>

_____ Mathematics 340: Mathematical Structure and Proof	3
_____ Mathematics 344: Matrix Algebra	3
_____ Mathematics 346: Introduction to Modern Algebra	3
_____ Mathematics 354: Real Analysis I	3
_____ Mathematics 512: Probability and Statistics	3
_____ Mathematics 599: Senior Seminar	3
Two of the following three courses:	
_____ Mathematics 544: Linear Algebra	3
_____ Mathematics 546: Algebraic Structures	3
_____ Mathematics 554: Real Analysis II	3
Two additional electives numbered 500 or higher	6

### Cognate

_____ Computer Science 560	3
Three courses selected with the approval of advisor	9

### Supporting Courses

_____ Foreign language 102 or 121	3
_____ Computer Science 241 <sup>2</sup>	3
_____ Mathematics 198 <sup>2</sup> : Seminar in Strategies of Problem Solving	1
_____ Mathematics 243 <sup>2</sup> : Calculus III	3
_____ Mathematics 244 <sup>2</sup> : Calculus IV	3
_____ Mathematics 245 <sup>2</sup> : Elementary Differential Equations	3

### Electives 15

_____	
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_____	

**Total hours required 120**

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

<sup>2</sup>A minimum grade of C is required.

# Bachelor of Science

## Major in Computer Science

### Student Worksheet

General Education Requirements	Major Requirements <sup>2</sup>
<b>I. Communication</b> <div style="margin-left: 20px;">_____ English 101 and 102; or 146<sup>1</sup>      6</div> <div style="margin-left: 20px;">_____ Speech 201      3</div>	<div style="margin-left: 20px;">_____ Computer Science 241:      3</div> <div style="margin-left: 20px;">_____ Advanced Algorithm Design      3</div> <div style="margin-left: 20px;">_____ Computer Science 242:      3</div> <div style="margin-left: 20px;">_____ Elementary Data Structures      3</div> <div style="margin-left: 20px;">_____ Computer Science 210:      3</div> <div style="margin-left: 20px;">_____ Assembler Language Programming I      3</div> <div style="margin-left: 20px;">_____ One of the following five courses:      3</div> <div style="margin-left: 40px;"><input type="checkbox"/> Computer Science 232:      3</div> <div style="margin-left: 40px;">_____ COBOL Programming      3</div> <div style="margin-left: 40px;"><input type="checkbox"/> Computer Science 233:      3</div> <div style="margin-left: 40px;">_____ FORTRAN Programming      3</div> <div style="margin-left: 40px;"><input type="checkbox"/> Computer Science 234:      3</div> <div style="margin-left: 40px;">_____ Visual BASIC Programming      3</div> <div style="margin-left: 40px;"><input type="checkbox"/> Computer Science 235:      3</div> <div style="margin-left: 40px;">_____ Pascal Programming      3</div> <div style="margin-left: 40px;"><input type="checkbox"/> Computer Science 237:      3</div> <div style="margin-left: 40px;">_____ Ada Programming      3</div> <div style="margin-left: 20px;">_____ Computer Science 310:      3</div> <div style="margin-left: 20px;">_____ Introduction to Computer Architecture      3</div> <div style="margin-left: 20px;">_____ Computer Science 321:      3</div> <div style="margin-left: 20px;">_____ Advanced Data Structures      3</div> <div style="margin-left: 20px;">_____ Computer Science 420:      3</div> <div style="margin-left: 20px;">_____ File Management      3</div> <div style="margin-left: 20px;">_____ Computer Science 511:      3</div> <div style="margin-left: 20px;">_____ Operating Systems      3</div> <div style="margin-left: 20px;">_____ Computer Science 530:      3</div> <div style="margin-left: 20px;">_____ Programming Language Structures      3</div> <div style="margin-left: 20px;">_____ Computer Science 540:      3</div> <div style="margin-left: 20px;">_____ Advanced Program Design      3</div>
<b>II. Mathematics<sup>2</sup></b> <div style="margin-left: 20px;">_____ Mathematics 126 (or higher),      3</div> <div style="margin-left: 20px;">_____ Logic 207 or 208      3</div> <div style="margin-left: 20px;">_____ Mathematics 174      3</div>	<div style="margin-left: 20px;">_____ Computer Science courses 300-level or above      6</div>
<b>III. Arts and Humanities</b> <div style="margin-left: 20px;">_____ Fine arts      3</div> <div style="margin-left: 20px;">_____ History 111 or 112      3</div> <div style="margin-left: 20px;">_____ Philosophy 310 or 311      3</div>	
<b>IV. Social and Behavioral Sciences</b> <div style="margin-left: 20px;">_____ Government and International Studies 201 or American Studies 101 or 102      3</div> <div style="margin-left: 20px;">_____ Two courses selected from the following, with two disciplines represented:      6</div> <div style="margin-left: 40px;">Anthropology; Economics 221, 222; Geography 101, 103; government and international studies; psychology (except 225); sociology (except 201)</div>	
<b>V. Natural Sciences</b> <div style="margin-left: 20px;">_____ Physics 211 and 212; or Chemistry 111 and 112      8</div>	
<b>VI. Foreign Culture</b> <div style="margin-left: 20px;">_____ One course from among the following: Anthropology 102; art; Economics 503; English 275, 276, 290, 319, 322, 423; Geography 121, 212, 340; Government and International Studies 310, 491; History 112, 334, 335, 340, 341, 343, 360, 361, 370, 371, 372, 391; any foreign language (except 103); or Religion 103      3</div>	
<b>VII. Computer Studies<sup>2</sup></b> <div style="margin-left: 20px;">_____ Computer Science 141      3</div>	
<b>VIII. Senior Seminar<sup>2</sup></b> <div style="margin-left: 20px;">_____ Computer Science 599: Senior Seminar      3</div>	
	<b>Cognate<sup>2</sup></b> <b>Nine hours (with approval of advisor) 12</b> <div style="margin-left: 20px;">_____</div> <div style="margin-left: 20px;">_____</div> <div style="margin-left: 20px;">_____</div> <div style="margin-left: 20px;">_____</div> <div style="margin-left: 20px;">_____ Any math course numbered 243 or higher      3</div>
	<b>Supporting Courses<sup>2</sup></b> <div style="margin-left: 20px;">_____ Mathematics 127      3</div> <div style="margin-left: 20px;">_____ Mathematics 143      3</div> <div style="margin-left: 20px;">_____ Mathematics 144      3</div> <div style="margin-left: 20px;">_____ Mathematics 315      3</div> <div style="margin-left: 20px;">_____ Laboratory Science      4</div>
	<b>Electives (6 hours) 6</b> <div style="margin-left: 20px;">_____</div> <div style="margin-left: 20px;">_____</div>
	<b>Total hours required 120</b>

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

<sup>2</sup>A minimum grade of C is required.

**Bachelor of Science**  
**Major in Computer Science**  
**Applied Mathematics Concentration**  
**Student Worksheet**

**General Education Requirements**

**I. Communication**  
 \_\_\_\_\_ English 101 and 102; or 146<sup>1</sup> 6

\_\_\_\_\_ Speech 201 3

**II. Mathematics<sup>2</sup>**  
 \_\_\_\_\_ Mathematics 126 (or higher), 3  
 \_\_\_\_\_ Logic 207 or 208  
 \_\_\_\_\_ Mathematics 174 3

**III. Arts and Humanities**  
 \_\_\_\_\_ Fine arts 3  
 \_\_\_\_\_ History 111 or 112 3  
 \_\_\_\_\_ Philosophy 310 or 311 3

**IV. Social and Behavioral Sciences**  
 \_\_\_\_\_ Government and 3  
 \_\_\_\_\_ International Studies 201 or  
 \_\_\_\_\_ American Studies 101 or 102  
 \_\_\_\_\_ Two courses selected from 6  
 \_\_\_\_\_ the following with two  
 \_\_\_\_\_ disciplines represented:  
 Anthropology; Economics 221,  
 222; Geography 101, 103; government  
 and international studies;  
 psychology (except 225);  
 sociology (except 201)

**V. Natural Sciences**  
 \_\_\_\_\_ Two courses to be selected 8  
 \_\_\_\_\_ from the following:  
 Chemistry 111, 112; Physics 201  
 or higher

**VI. Foreign Culture**  
 \_\_\_\_\_ One course from among 3  
 \_\_\_\_\_ the following: Anthropology 102;  
 art; Economics 503; English 275,  
 276, 290, 319, 322, 423;  
 Geography 121, 212, 340;  
 Government and International  
 Studies 310, 491; History  
 112, 334, 335, 340, 341, 343, 360,  
 361, 370, 371, 372, 391; any  
 foreign language (except 103); or  
 Religion 103

**VII. Computer Studies<sup>2</sup>**  
 \_\_\_\_\_ Computer Science 141 3

**VIII. Senior Seminar<sup>2</sup>**  
 \_\_\_\_\_ Computer Science 599 or 3  
 \_\_\_\_\_ Mathematics 599: Senior Seminar

**Major Requirements<sup>2</sup>**

\_\_\_\_\_ Computer Science 241: 3

\_\_\_\_\_ Advanced Algorithm Design

\_\_\_\_\_ Computer Science 242: 3

\_\_\_\_\_ Elementary Data Structures

\_\_\_\_\_ Computer Science 210: 3

\_\_\_\_\_ Assembler Language

\_\_\_\_\_ Programming I

\_\_\_\_\_ One of the following five courses: 3

☐ Computer Science 232:

COBOL Programming

☐ Computer Science 233:

FORTAN Programming

☐ Computer Science 234:

Visual BASIC Programming

☐ Computer Science 235:

Pascal Programming

☐ Computer Science 237:

Ada Programming

\_\_\_\_\_ Computer Science 310: 3

\_\_\_\_\_ Introduction to Computer

Architecture

\_\_\_\_\_ Computer Science 321: 3

\_\_\_\_\_ Advanced Data Structures

Computer Science courses 300-level or above 9

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**Cognate (with approval of advisor)**

\_\_\_\_\_ Mathematics 245, 344 and 560<sup>2</sup> 9

\_\_\_\_\_ One course selected from 3

\_\_\_\_\_ the following: Mathematics

244 or higher suggested, Business

Administration 333, 371, 372,

390, 477

\_\_\_\_\_

**Supporting Courses<sup>2</sup>**

\_\_\_\_\_ Mathematics 127 3

\_\_\_\_\_ Mathematics 143 3

\_\_\_\_\_ Mathematics 144 3

\_\_\_\_\_ Mathematics 243 3

\_\_\_\_\_ Mathematics 315 3

\_\_\_\_\_ Business Administration 225, 226 6

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**Electives** 10

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**Bachelor of Arts**  
**Major in Computer Science**  
**Computer Information Systems Concentration**  
**Student Worksheet**

**General Education Requirements**

**I. Communication**

- \_\_\_\_\_ English 101 and 102; or 146<sup>1</sup> 6
- \_\_\_\_\_ Speech 201 3

**II. Mathematics<sup>2</sup>**

- \_\_\_\_\_ Mathematics 126 (or higher), 3
- \_\_\_\_\_ Logic 207 or 208 3
- \_\_\_\_\_ Mathematics 174 3

**III. Arts and Humanities**

- \_\_\_\_\_ Fine arts 3
- \_\_\_\_\_ History 111 or 112 3
- \_\_\_\_\_ Philosophy 310 or 311 3

**IV. Social and Behavioral Sciences**

- \_\_\_\_\_ Government and 3
- \_\_\_\_\_ International Studies 201 or 3
- \_\_\_\_\_ American Studies 101 or 102 3
- \_\_\_\_\_ Economics 221 3
- \_\_\_\_\_ One course selected from 3
- \_\_\_\_\_ one of the following:
- \_\_\_\_\_ Anthropology; Economics 222;
- \_\_\_\_\_ Geography 101, 103; government
- \_\_\_\_\_ and international studies;
- \_\_\_\_\_ psychology (except 225);
- \_\_\_\_\_ sociology (except 201)

**V. Natural Sciences**

- \_\_\_\_\_ Two courses to be selected 7-8
- \_\_\_\_\_ from the following: Astronomy,
- \_\_\_\_\_ biology, chemistry, geology,
- \_\_\_\_\_ physics

**VI. Foreign Culture**

- \_\_\_\_\_ Foreign language 101 3

**VII. Computer Studies<sup>2</sup>**

- \_\_\_\_\_ Computer Science 141 3

**VIII. Senior Seminar<sup>2</sup>**

- \_\_\_\_\_ Computer Science 599: 3
- \_\_\_\_\_ Senior Seminar

**Major Requirements<sup>2</sup>**

- \_\_\_\_\_ Computer Science 241: 3
- \_\_\_\_\_ Advanced Algorithm Design 3
- \_\_\_\_\_ Computer Science 242: 3
- \_\_\_\_\_ Elementary Data Structures 3
- \_\_\_\_\_ One of the following two courses: 3
- ☐ Computer Science 232:
- \_\_\_\_\_ COBOL Programming 3
- ☐ Computer Science 234:
- \_\_\_\_\_ Visual BASIC Programming 3
- \_\_\_\_\_ Computer Science 310: 3
- \_\_\_\_\_ Introduction to Computer Architecture 3
- \_\_\_\_\_ Computer Science 321: 3
- \_\_\_\_\_ Advanced Data Structures 3
- \_\_\_\_\_ Computer Science 420: 3
- \_\_\_\_\_ File Management 3
- \_\_\_\_\_ Computer Science 520: 3
- \_\_\_\_\_ Database System Design 3
- \_\_\_\_\_ Computer Science courses 300-level or above 6

**Cognate (with approval of advisor)**

- \_\_\_\_\_ Three additional upper level courses in one 9
- \_\_\_\_\_ of the following fields: Business
- \_\_\_\_\_ administration or English

**Supporting Courses**

- \_\_\_\_\_ Foreign Language 102 or 121 3
- \_\_\_\_\_ Business Administration<sup>2</sup> 225 3
- \_\_\_\_\_ Business Administration<sup>2</sup> 226 3
- \_\_\_\_\_ Business Administration<sup>2</sup> 390 3
- \_\_\_\_\_ Two courses<sup>2</sup> selected from 6
- \_\_\_\_\_ SEGL 245, 252, 318,
- \_\_\_\_\_ SJOU 301, 335
- \_\_\_\_\_ Mathematics<sup>2</sup> 127, 201 6

**Electives**

10-11

**Total hours required**

**120**

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

<sup>2</sup>A minimum grade of C is required.

# Division of Natural Sciences and Engineering

The Division of Natural Sciences and Engineering, in the College of Arts and Sciences, offers the Bachelor of Science degrees in biology and chemistry. Courses are also offered in the areas of engineering, geology, physical science, physics and astronomy. Students interested in the following professional programs can pursue coursework under this division: chiropractic, dental, engineering, medical, optometry, occupational therapy, pharmacy, physician assisting, physical therapy, veterinarian medicine and speech pathology.

In general, assignments for courses numbered 300 or above are more rigorous and the grading standards more demanding than for courses numbered 299 or lower.

## Bachelor of Science Major in Biology Student Worksheet

General Education Requirements			VII. Computer Studies	3
I. Communication			_____ This requirement may be fulfilled in one of the following three ways:	
_____ English 101 and 102; or 146 <sup>1</sup>	6		<input type="checkbox"/> Computer Science 138	
_____ Speech 201	3		<input type="checkbox"/> a computer science course numbered 141 or above	
II. Mathematics <sup>2</sup>			<input type="checkbox"/> Engineering 101 and 102	
_____ Mathematics 127, 143	6			
III. Arts and Humanities			VIII. Senior Seminar: <i>see major requirements</i>	
_____ Fine arts	3		_____ Major Requirements <sup>3</sup>	
_____ History 111 or 112	3		_____ Biology 101, 102	8
_____ One course selected from the following (but not more than 3 hours in a single discipline in the fine arts): American literature; American studies; art; English literature, linguistics, or literary theory; history; literature in a foreign language; music; philosophy; religion; speech; theatre; world literature	3		_____ Biology (four courses at the 200- or 300-level, excluding Biology 240, 270, 399)	16
IV. Social and Behavioral Sciences			_____ _____	
_____ Government and International Studies 201 or American Studies 101 or 102	3		_____ _____	
_____ Two courses selected from the following with two disciplines represented: Anthropology; Economics 221, 222; Geography 101, 103; government and international studies; psychology (except 225); sociology (except 201)	6		_____ Biology (500-level)	8
V. Natural Sciences			_____ Senior Seminar (Biology 599)	3
_____ Chemistry 111, 112	8		_____ Cognate (with approval of advisor)	
VI. Foreign Culture			_____ Chemistry 331, 331L	4
_____ Foreign language 101	3		_____ Chemistry 332, 332L	4
			_____ An additional course (Physics 201 recommended)	4
			_____ Supporting Courses	
			_____ An additional history course	3
			_____ Foreign language 102 or 121	3
			_____ Mathematics 201,	3
			_____ Psychology 225, or Sociology 201	
			_____ Mathematics (e.g. 126),	3
			_____ logic or computer science	
			_____ Electives (Physics 202 recommended)	14
			_____ _____	
			_____ _____	
			_____ _____	
			_____ Total hours required	120

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

<sup>2</sup>The successful completion of Mathematics 143 with a minimum grade of C fulfills Group II requirements. The additional three hours are made up as electives.

<sup>3</sup>A minimum grade of C is required.

# Bachelor of Science Major in Chemistry Student Worksheet

General Education Requirements		
<b>I. Communication</b>		
_____ English 101 and 102; or 146 <sup>1</sup>	6	
_____ Speech 201	3	
<b>II. Mathematics<sup>2</sup></b>		
_____ Mathematics 143, 144	6	
<b>III. Arts and Humanities</b>		
_____ Fine arts	3	
_____ History 111 or 112	3	
_____ One course selected from the following (but not more than 3 hours in a single discipline in the fine arts): American literature; American studies; art; English literature, linguistics, or literary theory; history; literature in a foreign language; music; philosophy; religion; speech; theatre; world literature	3	
<b>IV. Social and Behavioral Sciences</b>		
_____ Government and International Studies 201 or American Studies 101 or 102	3	
_____ Two courses selected from the following with two disciplines represented: Anthropology; Economics 221, 222; Geography 101, 103; government and international studies; psychology (except 225); sociology (except 201)	6	
<b>V. Natural Sciences<sup>2</sup></b>		
_____ Chemistry 111, 112	8	
<b>VI. Foreign Culture</b>		
_____ Foreign language 101	3	
<b>VII. Computer Studies</b>		
_____ This requirement may be fulfilled in one of the following three ways:	3	
<input type="checkbox"/> Computer Science 141		
<input type="checkbox"/> Engineering 101 and 102		
<input type="checkbox"/> a computer science course approved by an advisor		

<b>VIII. Senior Seminar<sup>2</sup></b>		
_____ Chemistry 599		3
<b>Major Requirements<sup>2</sup></b>		
_____ Chemistry 331, 332:		6
_____ Organic Chemistry		
_____ Chemistry 331L, 332L:		2
_____ Organic Chemistry Laboratory		
_____ Chemistry 321:		3
_____ Quantitative Analysis		
_____ Chemistry 321L:		1
_____ Quantitative Analysis Laboratory		
_____ Chemistry 541, 542:		6
_____ Physical Chemistry		
_____ Chemistry 541L, 542L:		2
_____ Physical Chemistry Laboratory		
_____ Ten hours selected from the following:		10
<input type="checkbox"/> Chemistry 511: Inorganic Chemistry		
<input type="checkbox"/> Chemistry 522: Instrumental Analysis		
<input type="checkbox"/> Chemistry 530: Spectrometric Identification of Organic Compounds;		
<input type="checkbox"/> Chemistry 581 or 582: Biochemistry		
<input type="checkbox"/> Chemistry 583L: Biochemistry Laboratory		
<input type="checkbox"/> Chemistry 561: Industrial Chemistry		
<b>Supporting Courses</b>		
_____ Foreign language 102 or 121		3
_____ Mathematics 243		3
_____ Mathematics 244		3
_____ Physics 201 and 202		8
_____ or Physics 211 and 212		
<b>Cognate</b>		
_____ Upper division courses selected with advisor's approval		12
_____		
_____		
_____		
<b>Electives</b>		
_____ Two courses in economics are suggested		11
_____		
_____		
_____		
<b>Total hours required</b>		<b>120</b>

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

<sup>2</sup>A minimum grade of C is required.

The Division of Social and Behavioral Sciences in the College of Arts and Sciences offers the Bachelor of Arts degree in history, political science, sociology and psychology. The Bachelor of Science degree is awarded in criminal justice and psychology. Courses are also offered in the areas of American studies, anthropology, geography, logic, philosophy, public administration, religion and women's studies.

In general, assignments for courses numbered 300 or above are more rigorous and the grading standards more demanding than for courses numbered 299 or lower.

Specific degree requirements include a 12-semester-hour cognate. The cognate consists of upper-level courses chosen from one or more fields and is intended to support the course work in the major. In addition to a grade of C in all major courses, a C or better must be earned in each cognate course. All courses taken for cognate credit must be approved by the faculty in the major area.

The following are specific requirements for the bachelor's degree in criminal justice, history, political science, psychology and sociology.

## Bachelor of Science Major in Criminal Justice *Student Worksheet*

### General Education Requirements

#### I. Communication

- \_\_\_\_\_ English 101 and 102; or 146<sup>1</sup> 6
- \_\_\_\_\_ Speech 201 3

#### II. Mathematics

- \_\_\_\_\_ Mathematics 120 (or higher) 3
- \_\_\_\_\_ Logic 205 or 207 3

#### III. Arts and Humanities

- \_\_\_\_\_ Fine arts 3
- \_\_\_\_\_ History 111 or 112 3
- \_\_\_\_\_ One course selected from the following (but not more than 3 hours in a single discipline in the fine arts): American literature; American studies; English literature, linguistics, or literary theory; history; literature in a foreign language; music; philosophy; religion; speech; theatre; world literature 3

#### IV. Social and Behavioral Sciences

- \_\_\_\_\_ Government and International Studies 201 or American Studies 101 or 102 3
- \_\_\_\_\_ Psychology 101 3
- \_\_\_\_\_ Sociology 101 3

#### V. Natural Sciences

- \_\_\_\_\_ Two courses, including at least one laboratory course, to be selected from one or more of the following: Astronomy; biology; chemistry; Geography 201, 202; geology; or physics 7-8

#### VI. Foreign Culture

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

<sup>2</sup>A minimum grade of C is required.

- One of the following: 3
- \_\_\_\_\_ Anthropology 102; English 275, 276; Geography 121, 212, 340; Government and International Studies 310, 491; History 112, 334, 335, 340, 341, 343, 360, 361, 370, 371, 372, 391; any foreign language course 201 or higher; Religion 103; Government/Women's Studies 420.

#### VII. Computer Studies

- \_\_\_\_\_ This requirement may be fulfilled in one of the following three ways: 3
- ☐ Computer Science 138
- ☐ a computer science numbered 141 or above
- ☐ Engineering 101 and 102

#### VIII. Senior Seminar: see major requirements

### Major Requirements<sup>2</sup>

- \_\_\_\_\_ Criminal Justice 101: 3
- \_\_\_\_\_ Introduction to Criminal Justice 3
- \_\_\_\_\_ Criminal Justice 340: Criminal Justice Research Methods 3
- \_\_\_\_\_ Criminal Justice 341: Theories of Crime 3
- \_\_\_\_\_ Criminal Justice 495: Senior Seminar 3
- One criminal justice course in each of the following content areas (at least one course must be upper level) 9
- \_\_\_\_\_ Police (SCRJ 310)
- \_\_\_\_\_ Courts (SCRJ 320 or SCRJ 452)
- \_\_\_\_\_ Corrections (SCRJ 330 or SCRJ 333)

*Other courses may be used to satisfy these requirements; see a criminal justice advisor for details.*

- Additional upper level criminal justice courses 12
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

*Continued on next page*



**Cognate<sup>1</sup>**

12

Philosophy 211, 310 or 311

3

**Electives** Economics 221 or 222 recommended  
15-16**Supporting Courses**Foreign language 101 and 102, or 121 6  
Economics 291 or Mathematics 201 3  
or Psychology 225 or Sociology 201<sup>1</sup>**Total hours required** 120**Bachelor of Arts  
Major in History  
Student Worksheet****General Education Requirements****I. Communication**English 101 and 102; or 146<sup>2</sup> 6  
Speech 201 3**II. Mathematics**Mathematics 120 (or higher) 3  
One course selected from a  
higher level mathematics course,  
logic, or statistics 3**III. Arts and Humanities<sup>3</sup>**Fine arts 3  
History 111 or 112 3  
One course selected from the  
following (but not more than  
3 hours in a single discipline  
in the fine arts): American  
literature; American studies;  
art; English literature, linguistics,  
or literary theory history; literature  
in a foreign language; music;  
philosophy; religion; speech;  
theatre; world literature 3**IV. Social and Behavioral Sciences**Government and International  
Studies 201 or American  
Studies 101 or 102 3  
Courses from two of the following, 6  
with two disciplines represented:  
Anthropology; Economics 221,  
222; Geography 101, 103; government  
and international studies; psychology  
(except 225); sociology (except 201)**V. Natural Sciences**Two courses, including at least 7-8  
one laboratory course, to be selected  
from one or more of the following;Astronomy; biology; chemistry;  
Geography 201, 202; geology; physics**VI. Foreign Culture**One of the following: 3  
Anthropology 102; art history;  
English 276, 290, 322, 423, 319;  
Geography 121, 212, 340;  
Government and International  
Studies 310, 491; History 112, 334,  
335, 340, 341, 343, 360, 361, 370, 371,  
372, 391; Religion 103; Government/  
Women's Studies 420**VII. Computer Studies**This requirement may be fulfilled 3  
in one of the following three ways:  
☐ Computer Science 138  
☐ a computer science course  
numbered 140 or above  
☐ Engineering 101 and 102**VIII. Senior Seminar: see major requirements****Major Requirements<sup>1</sup>**History courses at 300-level 21  
or higher. At least one course must be  
taken in each of the following areas:  
☐ United States history  
☐ European history  
☐ non-Western history.

Senior Seminar (History 500) 3

**Cognate<sup>1</sup>** 12*Continued on next page*<sup>1</sup>A minimum grade of C is required.<sup>2</sup>Six hours of credit are awarded with a minimum grade of C  
in English 146.<sup>3</sup>Students are encouraged to select courses fulfilling  
Group III from those outside their major area of study.

## Supporting Courses

Foreign language 101 and 102, or 121	6
An additional foreign language course, Geography 121, Government and International Studies 320, Anthropology 102, or Economics 503	3-4
An additional 100-level history course or American Studies 101 or 102	3
Two courses selected from the following: American literature; art; English literature, linguistics,	6

or literary theory; history; literature in a foreign language; music; philosophy; religion; speech; theatre; world literature

## Electives

18-20

## Total hours required

120

## Bachelor of Arts Major in Political Science Student Worksheet

### General Education Requirements

#### I. Communication

English 101 and 102; or 146 <sup>1</sup>	6
Speech 201	3

#### II. Mathematics

Mathematics 120 (or higher)	3
Logic 205, 207 or 208	3

#### III. Arts and Humanities

Fine arts history	3
History 111 or 112	3
One course selected from the following (but not more than 3 hours in a single discipline in the fine arts): American literature; American studies; art; English literature, linguistics, or literary theory; history; literature in a foreign language; music; philosophy; religion; speech; theatre; world literature	3

#### IV. Social and Behavioral Sciences

Government and International Studies 201 or American Studies 101 or 102	3
Economics 221	3
One course selected from among the following: Anthropology; Economics 222; Geography 101, 103; psychology (except 225); sociology (except 201)	3

#### V. Natural Sciences

Two courses, including at least one laboratory course, to be selected from one or more of the following: Astronomy; biology; chemistry; geology; Geography 201, 202; physics	7-8
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#### VI. Foreign Culture

Any of the following: Anthropology 102; art; English 276, 290, 319, 322, 423; Geography 121, 212, 340; Government and International Studies 310, 491; History 112, 334, 335, 340, 341, 343, 360, 361, 370, 371, 372, 391; Sociology 341; any foreign language course 201 or higher; Religion 103; Government/Women's Studies 420	3
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#### VII. Computer Studies

This requirement may be fulfilled in one of the following three ways:	3
<input type="checkbox"/> Computer Science 138	
<input type="checkbox"/> a computer science numbered 141 or above	
<input type="checkbox"/> Engineering 101 and 102	

#### VIII. Senior seminar: see major course requirements

### Major Courses<sup>2</sup>

Government and International Studies 210	3
Government and International Studies 301	3
Government and International Studies 300, 349, 385 or 403	3

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

<sup>2</sup>A minimum grade of C is required.

Continued on next page

_____	One course from three of the following four sub-fields	9
<input type="checkbox"/>	American government (Government and International Studies 238, 350, 363, 364, 365, 380, 450, 451, or 463)	
<input type="checkbox"/>	International and comparative politics (Government and International Studies 310, 320, 326, 327, 330, 420, or 460)	
<input type="checkbox"/>	Public administration (Government and International Studies 370, 374, 445, 571)	
<input type="checkbox"/>	Political process (Government and International Studies 340, 360, 361, 452, 462)	
_____	Other Government and International Studies courses	12
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	Senior seminar	3
_____	<b>Cognate<sup>1</sup></b>	12

### Supporting Courses

_____	An additional 100-level history course or American Studies 101 or 102	3
_____	Two courses selected from among the following: American literature; art; English literature, linguistics, or literary theory; history; literature in a foreign language; music; philosophy; religion; speech; theatre; world literature	6
_____	Foreign language 101 and 102, or 121	6

### Electives

13-15

### Total hours required

120

## Bachelor of Arts and Bachelor of Science Major in Psychology Student Worksheet

### General Education Requirements

#### I. Communication

_____	English 101 and 102; or 146 <sup>2</sup>	6
_____	Speech 201	3

#### II. Mathematics

_____	Mathematics 120 (or higher)	3
_____	One course selected from higher level mathematics, logic or statistics <sup>3</sup>	3

#### III. Arts and Humanities

_____	Fine arts history	3
_____	History 111 or 112	3
_____	One course selected from the following (but not more than 3 hours in a single discipline in the fine arts): American literature; American studies; art; English literature, linguistics, or literary theory; history; literature in a foreign language; music;	3

philosophy; religion; speech; theatre; world literature

#### IV. Social and Behavioral Sciences<sup>4</sup>

_____	Government and International Studies 201 or American Studies 101 or 102	3
_____	Courses from two of the following, with two disciplines represented: Anthropology; Economics 221, 222; geography; government and international studies; psychology (except 101 and 225); sociology (except 201)	6

#### V. Natural Sciences

_____	Two courses, including at least one laboratory course, to be selected from one or more of the following: Astronomy; biology; chemistry; Geography 201, 202; geology; physics	7-8
-------	--	-----

<sup>1</sup>A minimum grade of C is required.

<sup>2</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

<sup>3</sup>Psychology 225 may be used to satisfy this requirement.

Continued on next page

<sup>4</sup>Students are encouraged to select courses fulfilling social and behavioral sciences requirements from those outside psychology.

<b>VI. Foreign Culture</b>			
_____	History 112; Religion 103	3	_____ One from the Social Core
			Psychology 302: Developmental Psychology
<b>VII. Computer Studies</b>		3	Psychology 307: Social Psychology
_____	This requirement may be fulfilled in one of the following three ways:		Psychology 309: Personality Psychology
<input type="checkbox"/>	Computer Science 138		Psychology 310: Abnormal Psychology
<input type="checkbox"/>	a computer science numbered 141 or above		Psychology 311: Industrial and Organizational Psychology
<input type="checkbox"/>	Engineering 101 and 102		
<b>VIII. Senior Seminar:</b>	<i>see major requirements</i>		Three additional core courses
			_____
			_____
			_____
<b>Bachelor of Arts Degree Option:</b>			
_____	Two courses selected from	6	_____ Elective psychology courses 10-12
_____	the following: American literature; art; English literature, linguistics, or literary theory; history; literature in a foreign language; music; philosophy; religion, speech; theatre; world literature		_____ selected from core and/or other psychology courses
			_____ (Psychology 402 is recommended)
			_____
			_____
			_____
			_____
<b>Bachelor of Science Degree Option:</b>			
_____	Two courses from	6	_____ Senior Seminar: 3
_____	Mathematics 122 or higher, Computer Science 140 or higher, logic, or the natural sciences (courses must be approved by advisor)		_____ (one psychology course at the 500-level)
			_____ <b>Cognate<sup>2</sup></b> 12
			_____
			_____
			_____
<b>Major Requirements<sup>1</sup></b>			
_____	Psychology 101	3	_____ <b>Supporting Courses</b>
_____	Psychology 225	3	_____ Foreign language 101 and 102, 6
_____	Psychology 325	4	_____ or 121
_____	At least FIVE CORE courses of the following:	15	_____ <b>Electives</b> 9-12
			_____
_____	One from the Experimental Core		_____
	Psychology 303: Psychology of Learning and Memory		_____
	Psychology 304: Cognitive Psychology		_____
	Psychology 305: Sensation and Perception		_____
	Psychology 308: Physiological Psychology		
			_____ <b>Total hours required</b> 120

<sup>1</sup>A minimum grade of C is required in all major courses. Fifteen credit hours of psychology (12 credit hours from core courses and 3 credit hours of senior seminar) applied toward graduation must be awarded by USCS. In order to enroll in senior seminar, a student must have completed all of the prerequisite courses with a minimum grade of C.

<sup>2</sup>A minimum grade of C is required.

# Bachelor of Arts Major in Sociology Student Worksheet

## General Education Courses

### I. Communication

- \_\_\_\_\_ English 101 and 102; or 146<sup>1</sup> 6
- \_\_\_\_\_ Speech 201 3

### II. Mathematics

- \_\_\_\_\_ Mathematics 120 (or higher) 3
- \_\_\_\_\_ Sociology 201 or statistics 3

### III. Arts and Humanities

- \_\_\_\_\_ Fine arts 3
- \_\_\_\_\_ History 111 or 112 3
- \_\_\_\_\_ One course selected from the following (but not more than 3 hours in a single discipline in the fine arts): American literature; American studies; art; English literature, linguistics, or literary theory; history; literature in a foreign language; music; philosophy; religion; speech; theatre; world literature 3

### IV. Social and Behavioral Sciences<sup>2</sup>

- \_\_\_\_\_ Government and International Studies 201 or American Studies 101 or 102 3
- \_\_\_\_\_ Courses from two of the following, with two disciplines represented: Anthropology; Economics 221, 222; geography; psychology (except 225); sociology (except 101 and 201) 6

### V. Natural Sciences

- \_\_\_\_\_ Two courses, including at least one laboratory course, to be selected from one or more of the following: Astronomy; biology; chemistry; Geography 201, 202; geology; physics 7-8

### VI. Foreign Culture

- \_\_\_\_\_ Any of the following: Anthropology 102; art; Economics 503; English 275, 276, 290, 322, 319, 423; Geography 121, 212, 340; Government and International Studies 310, 491; History 112, 334, 335, 340, 341, 341, 343, 360, 361, 370, 371, 372, 391; or any foreign language course except 103; Religion 103; Government/Women's Studies 420 3

### VII. Computer Studies

- \_\_\_\_\_ This requirement may be fulfilled in one of the following three ways: Computer Science 138 a computer science numbered 141 or above Engineering 101 and 102 3-4

### VIII. Senior Seminar: see major requirements

#### Major Requirements<sup>3</sup>

- \_\_\_\_\_ Four core sociology courses 12
- ☐ Sociology 101
- ☐ Sociology 301
- ☐ Sociology 302
- ☐ Sociology 501

- \_\_\_\_\_ One sociology course in each of the following content areas: 9
- ☐ **Social Institutions** (SSOC 341, SSOC 353, SSOC 411, SSOC 441, SSOC 461, SSOC 465, or SSOC 471)
- ☐ **Social Structure** (SSOC 311, SSOC 381, SSOC 431, SSOC 433, SSOC 435, or SSOC 438)
- ☐ **Social Processes** (SSOC 362, SSOC 373, SSOC 375, SSOC 456, or SSOC 474)

- \_\_\_\_\_ Four additional upper level sociology courses 12

#### Cognate<sup>3</sup>

- \_\_\_\_\_ 12
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

#### Supporting Courses

- \_\_\_\_\_ Foreign language 101 and 102 or 121 6
- \_\_\_\_\_ Two courses selected from the following: American literature; art; English literature, linguistics, or literary theory; history; literature in a foreign language; music; philosophy; religion, speech; theatre; world literature 6

#### Electives

- \_\_\_\_\_ 15-17
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

#### Total hours required

- \_\_\_\_\_ 120

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

<sup>2</sup>Students are encouraged to select courses fulfilling social and behavioral sciences requirements from those outside sociology.

<sup>3</sup>A minimum grade of C is required.

# Information Management and Systems

An effective information systems professional must have knowledge of the acquisition and application of information as well as knowledge of the use of hardware and software. The orientation of information systems management in many organizations is changing in the direction of greater user involvement. Consequently, information managers, rather than serving as technical custodians of computer hardware entities, now function more as agents between information management resources and end-users. Additionally, decentralization of information systems duties and downsizing of hardware from mainframe processing to networked end-user PCs, has further led to a fundamental change in the traditional role of the information systems manager and the function of information systems within many organizations. A primary function of information resources management is to promote information as a major resource, with information processing technology as the ultimate tool for the processing, distribution, and integration of information and its use in various organizational functions.

The Bachelor of Arts in Information Management and Systems is a multidisciplinary degree, integrating an understanding of computer science, information science, telecommunications, discipline-specific data, information administration, and an ability to recognize relationships between technical systems and social structures. The degree program will prepare graduates to design, implement, and manage information systems and use information and information technology to solve problems in business, industry, government agencies, and educational institutions. Students completing the information systems degree will have a comprehensive understanding of the complex technologies that permeate modern organizations, and they will be capable of understanding, evaluating, and integrating emerging information technologies to meet the needs of multiple organizations. As a result, graduates of the program will be positioned at the forefront of information creation, access, analysis, and dissemination, and they will be prepared for existing professions and for stretching boundaries to include new and emerging specialties.

Preparation will emphasize basic quantitative and qualitative techniques, business functions, effective communications skills, and proactive in team interactions. The curriculum for the B. A. in Information Management and Systems will include 49-50 hours in general education, thirty hours in information systems/computer technology, twelve hours in digital media coursework, eighteen hours in a concentration area, three hours in an experiential learning opportunity or internship in information systems, and 4-5 hours of electives. The purpose of the concentration area is to provide instruction in the application of technology in one of four fields: business, mass media and public relations, educational and health. The information professionals completing this program will be educated in a unique multidisciplinary environment, integrating traditional technical approaches to information management with information fluency within a specific disciplinary context.

## Bachelor of Arts Major in Information Management and Systems Student Worksheet

### General Education Requirements

#### I. Communication

- \_\_\_\_\_ English 101 and 102; or 146<sup>1</sup> 6  
\_\_\_\_\_ Speech 201 3

#### II. Mathematics

- \_\_\_\_\_ Mathematics 121 or higher 3  
\_\_\_\_\_ Statistics 3

#### III. Arts and Humanities

- \_\_\_\_\_ Art 103 3  
\_\_\_\_\_ History 111 or 112 3  
\_\_\_\_\_ Philosophy 310, 311 3

#### IV. Social and Behavioral Sciences

- \_\_\_\_\_ Government and International Studies 201 or American Studies 101 or 102 3  
\_\_\_\_\_ Two courses selected from the following with two disciplines represented: anthropology; Economics 221, 222; 6

#### V. Natural Sciences

- \_\_\_\_\_ Two courses, including at least 7-8  
\_\_\_\_\_ one laboratory course, to be selected from one or more of the following: astronomy; biology; chemistry  
Geography 201, 202; geology  
physics

#### VI. Foreign Culture

- \_\_\_\_\_ Foreign language 101 3

#### VII. Computer Studies

- \_\_\_\_\_ Computer Science 138; a computer science course numbered 141 or above; or Engineering 101 and 102 3

#### VIII. Senior Seminar

- \_\_\_\_\_ SIMS 499: Senior Seminar in Information Management and Systems 3

Geography 101, 103; government and international studies; psychology (except 225); sociology (except 201)

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

Continued on next page

## Computer Technology Core

### Foundation

_____	SIMS 201: Concepts of Information Management and Systems Programming	3
_____	SCSC 234: Visual BASIC Computer Hardware	3
_____	SIMS 211: Microcomputer Organization	3

### Networking Technology

_____	SCSC 412: Local Area Networks	3
_____	SIMS 415: Wide Area Networks and the Internet	3

### File and Database Technology

_____	SCSC 420: File Mangement	3
_____	SIMS 520: Database System Design	3
_____	SIMS 521: Databases Application and Implementation	3

### System Management (Analysis)

_____	SBAD 390: Business Information Systems	3
_____	SCSC 540: Advanced Program Design	3

## Digital Media and Communication Core

_____	SART 205: Digital Art I	3
_____	SEGL 245: Professional Writing	3
_____	SSPH 448: Organizational Communication	3
_____	SIMS 345: Technical Presentation	3

## Concentration areas 18 (Student selects one concentration area)

### Business Systems Concentration

_____	SBAD 225: Financial Accounting	3
_____	SBAD 226: Managerial Accounting	3
_____	SBAD 333: Cost Accounting	3
_____	SBAD 433: Accounting Control Systems	3

Student selects 6 hours of other upper level business courses

_____	SBAD _____	3
_____	SBAD _____	3

### Communication Systems Concentration

Group I—Required for all students

_____	SSPH 301: Survey of Human Communication	3
_____	SJOU 301: Survey of Mass Communication	3

Group II—Students must take SIMS 346 and one other course

_____	SIMS 346: Communication and New Technology	3
_____	SSPH 310: Principles of Interpersonal and Group Communication	3
_____	or	
_____	SSPH 447: Persuasive Communication	3

Students select two courses from the following:

_____	SJOU 328: Public Relations and Persuasion	3
_____	SJOU 310: Mass Media and Society	3
_____	SEGL 318: Writing and Computers	3
_____	SART 305: Digital Art II	3
_____	SJOU 303: Law and Ethics of the Mass Media	3

### Education Systems Concentration

_____	SEDF 210: Foundations in Education	3
_____	SEDF 333: Educational Development of the Lifelong Learner	3
_____	SEDF 341: Educational Procedures for Exceptional Children	3
_____	SEDT 420: Information Systems in Education	3
_____	SEDT 430: Instructional Design and Methods for Information Systems Training	3
_____	SEDT 497: Information Systems Education Internship	3

### Healthcare Information Systems Concentration

Required courses 15

_____	SHIM 201: Understanding Healthcare Organizations	3
_____	SHIM 301: Healthcare Information Systems	3
_____	SHIM 302: Information Trends in Healthcare Systems	3
_____	SHIM 311: Organizational Issues in Healthcare Information Management	3
_____	SHIM 450: Healthcare Database Systems and Information Retrieval	3

Healthcare Elective Course (Select One) 3

_____	SHIM 412: Ethics and Risk Mangement in Healthcare Information Systems	3
_____	SHIM 413: Network Applications for Healthcare Information Systems	3
_____	SHIM 496: Special Topics	3

### Experiential Learning

_____	SIMS 498: Experiential Learning in Information Management and Systems	3
-------	---	---

### Supporting Course

_____	Foreign Language 102	3
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### Electives

_____	_____	4-5
_____	_____	

**Total hours required 120**

# Interdisciplinary Studies

Recognizing the growing economic and cultural diversity of the Piedmont region of South Carolina, interdisciplinary studies (IDS) provides students the opportunity to concentrate in a single discipline, combine course work from two or more disciplines, or develop an individualized curriculum based on personal interests, the desire for self-improvement, career advancement, or in preparation for study in a profession such as law or medicine. Addressed is the mature student with clearly defined educational goals. Students with a variety of courses from other colleges and universities, but who fail to have adequate credits for a traditional degree, may also find opportunities in the IDS program offered on the USCS campus and at the University Center of Greenville. The program conforms to all general university academic regulations.

The interdisciplinary studies program permits students to apply credits earned through independent study toward the degree. Students may also be permitted to apply up to 30 semester hours earned in correspondence courses, the U.S. Armed Forces Institute, selected college-level examination programs, and off-campus extension classes in partial fulfillment of the degree. Students desiring a postgraduate professional degree should note the requirements for a baccalaureate after three undergraduate years and one year of professional school outlined under the Three-Plus-One Program in this catalog.

## Admission

IDS program applicants must:

- be admitted to USCS, or be applying to USCS and have earned 30 or more semester hours in transfer;
- have earned 30 or more semester hours at USCS and/or in transfer;<sup>1</sup>
- complete the IDS program application;
- if currently enrolled in another degree program at USCS, obtain a signed change of major form in the office of the academic dean;
- have a minimum grade point average of 2.0 on all courses to be considered for program admission;
- choose a concentration option from (1) single discipline, (2) bidisciplinary, (3) multidisciplinary or (4) individualized plan;
- if an individualized program applicant, submit a 1-2 page typed statement of purpose, an indication of the grouping of courses that will be used to meet the concentration area requirements, and an approved endorsement by a faculty member;<sup>1</sup>
- apply to the IDS Academic Affairs Committee for an individualized plan to be approved.<sup>2</sup>

## Bachelor of Arts and Bachelor of Science Interdisciplinary Studies Student Worksheet

### General Education Requirements

#### I. Communication

- \_\_\_\_\_ English 101 and 102; or 146<sup>3</sup> 6
- \_\_\_\_\_ Speech 201 3

#### II. Mathematics

- \_\_\_\_\_ Mathematics 120 (or higher) 3
- \_\_\_\_\_ One course selected from a 3
- \_\_\_\_\_ higher level mathematics course, logic, or statistics

#### III. Arts and Humanities

- \_\_\_\_\_ Fine arts 3
- \_\_\_\_\_ History 111 or 112 3
- \_\_\_\_\_ One course selected from the 3
- \_\_\_\_\_ following (but not more than 3 hours in a single discipline in the fine arts): American literature; American studies; art; English literature, linguistics,

or literary theory; history; literature in a foreign language; music; philosophy; religion; speech; theatre; world literature

#### IV. Social and Behavioral Sciences

- \_\_\_\_\_ Government and 3
- \_\_\_\_\_ International Studies 201 or American Studies 101 or 102
- \_\_\_\_\_ Two courses from the following, 6
- \_\_\_\_\_ with two disciplines represented: Anthropology; Economics 221, 222; Geography 101, 103; government and international studies; psychology (except 225); sociology (except 201); Government/Women's Studies 420

#### V. Natural Science

- \_\_\_\_\_ Two courses, including 7-8
- \_\_\_\_\_ at least one laboratory course, to be selected from one or more of the following: Astronomy; biology; chemistry; Geography 201, 202; geology; physics

*Continued on next page*

<sup>1</sup>For further information on acceptable credit, see the transfer credit section in this catalog.

<sup>2</sup>Final acceptance into the individualized plan requires approval of the IDS Academic Affairs Committee.

<sup>3</sup>A minimum grade of C in SEGL 101, 102 is required. Six hours of credit are awarded with a minimum grade of C in English 146.



**VI. Foreign Culture**

\_\_\_\_\_ One course from the following: 3  
 Anthropology 102; art;  
 Economics 503; English 275,  
 276, 290, 322, 423, 319;  
 Geography 121, 212, 340;  
 Government and International  
 Studies 310, 447, History 112, 334,  
 335, 340, 341, 343, 360, 361, 370, 371,  
 372, 391; any foreign language  
 course except 103

**VII. Computer Studies 3-4**

\_\_\_\_\_ This requirement may be  
 fulfilled in one of the following  
 three ways:  
 Computer Science 138  
 a computer science  
 numbered 141 or above  
 Engineering 101 and 102

**VIII. Senior Seminar: see area of concentration requirements****Total general education requirements 46-48****Concentration<sup>1</sup>**

(25-29 hours of junior- and senior- level courses  
 as outlined in the options below)

**Option 1 – Single Discipline**

Courses are selected from 25-29  
 a single discipline in which  
 USCS does not currently offer  
 a major; must include a methods  
 or theory course where required  
 by the discipline, and must include  
 a senior seminar selected from an  
 allied area and approved by an  
 advisor; B.A. or B.S. determined  
 by the discipline

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

**Option 2 – Bidisciplinary**

Primary discipline (must 15-21  
 include a methods or  
 theory course where  
 required by the discipline  
 and must include a senior seminar);  
 B.A. or B.S. option determined  
 by the primary discipline

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Secondary discipline 8-10

_____	_____
_____	_____

**Option 3 – Multidisciplinary**

Courses are selected from a single group  
 concentration area with three disciplines  
 represented. The minimum junior- and senior-  
 level hour requirements for the three disciplines  
 are as follows:

\_\_\_\_\_ Primary discipline 12-13  
 (must include a methods or theory course where  
 required by the discipline)

_____	_____
_____	_____

\_\_\_\_\_ Second discipline 6

_____	_____
-------	-------

\_\_\_\_\_ Third discipline 6

_____	_____
-------	-------

\_\_\_\_\_ Senior seminar (to be selected 1-4  
 from one of the three areas or  
 an interdisciplinary senior seminar  
 from that group)

_____	_____
-------	-------

**Group Concentration Areas for Option 3**

**Social Sciences** (criminal justice, economics,  
 geography, government, history, logic,  
 philosophy, psychology, recreation/health,  
 religion, sociology; B.A. degree)

**Humanities** (art, English, foreign language,  
 history, journalism, logic, music,  
 philosophy, religion, speech, theatre;  
 B.A. degree)

*Continued on next page*

<sup>1</sup>See academic regulations at the end of this section.

Sciences and Analysis (astronomy, biology, chemistry, computer science, geology, logic, mathematics, physics, statistics; B.S. degree)

**Applied Emphasis** (business/economics or foundations of education would be used as one of the disciplines in conjunction with two disciplines from one of the above groups; B.A. or B.S. degree determined by the combination of disciplines selected)

**Junior and Senior Level Hours<sup>2</sup>** 12

**Electives**

31-37

**Option 4 – Individualized<sup>1</sup>**

A program of study which includes a methods or theory course and a senior seminar from the same area; B.A. or B.S. determined by primary emphasis

25-29

**Total hours required**

120

**Academic Regulations**

<sup>1</sup>See program admission requirements for details

<sup>2</sup>See cognate section of this catalog and IDS program academic regulations.

- A minimum of 120 semester hours (including hours meeting the general education requirement, course grade requirement, junior and senior level hours requirement, and area of concentration requirement) must be completed with a grade point average of 2.0 or better.
- Course work completed prior to acceptance into the interdisciplinary studies program is not automatically accepted as part of a degree program. Such work is reevaluated to determine if it is applicable to the student's program.
- A minimum of 30 semester hours must be completed in residence at USCS after acceptance into the IDS program.
- Developmental courses, such as Math 099, do not count toward the 120-hour degree requirements.
- All course work within a concentration is selected in conjunction with a faculty advisor assigned from the primary or first discipline in the concentration area. Specific required course work is listed on a program of study which is then approved by the director of the IDS program and the dean of arts and sciences.
- All concentration hours must be junior- and senior-level work completed in residence at USCS.
- A minimum of 15 hours of the concentration must be taken after the completed IDS application has been received in the IDS office.
- No course may simultaneously meet the general education and concentration hour requirements.
- Technical, non-college parallel, and military science courses may not be used to satisfy the concentration hour requirement.
- A maximum of 30 semester hours of upper and lower level courses (including transfer work) may be taken in business administration and economics (excluding Economics 221 and 222).
- Prior course work transferred from another four-year institution may be used to fulfill the junior- and senior-level hours requirement.
- A minimum grade of C is required in each course used to fulfill the area of concentration requirement, the 12-hour junior- and senior-level requirement, and in English 101 and 102, or in English 146.



*School of Business Administration  
and Economics*

## Accreditation

Business programs are accredited by the AACSB International-The Association to Advance Collegiate Schools of Business.

## Vision

The vision of the School of Business Administration and Economics is to become the school-of-first-choice for an excellent baccalaureate business administration education for students of the Upstate of South Carolina.

## Mission

The primary responsibility of the USCS School of Business Administration and Economics is to provide baccalaureate education in business administration and economics to citizens of the metropolitan Upstate of South Carolina. The School acknowledges the University's commitment to the diverse population of metropolitan Upstate, its cities and its connecting corridors.

Priority is given to student learning by assuring student access to excellent teaching and advising, sufficient resources, convenient course schedules, enriching student activities and experiential learning opportunities. The School provides curricula suitable to students' educational aspirations and provides programs in locations and at times which facilitate their attainment of those educational objectives. Recognizing the international business character of the metropolitan Upstate of South Carolina, the School strives to incorporate global perspectives in all of its degree programs. Consistent with this goal, the School strives to establish and encourage student internship opportunities with firms domestically and abroad and educational institutions internationally.

An important responsibility of the School is to serve the community by enhancing the economic development of the Upstate and the practical knowledge of faculty and students. The School encourages consulting arrangements of faculty and promotes specific project opportunities for professional service to the Upstate.

To support the teaching mission, we recognize the importance of faculty development and intellectual contributions. For this reason, the School focuses on peer-reviewed applied scholarship, suitable for either academic or industry audiences, and on peer-reviewed instructional development. Other avenues of intellectual contributions, even though not peer reviewed, are encouraged and valued.

## Goals

Toward realization of the Mission, the School has established the following goals:

- Provide an excellent education to a diverse student body
- Maintain and enhance processes which assure continuous improvement through assessment efforts and through regular consultation with stakeholders

- Assure that the curricula provides the knowledge and skills for our students to be successful in business and society
- Provide programs which meet current and anticipated educational needs of the metropolitan Upstate
- Insure that our academic programs reflect the international business character of the Upstate
- Contribute to the economic development of the Upstate
- Support the teaching mission of the School

## Degree Programs

The School of Business Administration and Economics offers programs leading to the degree of Bachelor of Science in Business Administration. In addition to the Spartanburg campus, courses are also offered at the University Center Greenville. Students are invited to visit the School of Business Administration and Economics on the USCS campus to explore career opportunities.

All School of Business students are required to take the specified general education courses. All students then take a common business and economics core sequence, spanning the full range of business functions. Finally students select a concentration.

Students should begin with the recommended curriculum as early as possible. This sequence includes a combination of business, economics and general education courses suggested for each semester in which the student is enrolled. It is imperative that students begin their mathematics/statistics sequence in the first semester of their freshman year and continue this sequence each semester to make adequate progress in any of the business concentrations. Students in business administration and economics are advised by the faculty from the School of Business Administration and Economics.

Junior standing (60 semester hours earned) is a prerequisite for all 300-level or above business administration and economics courses. Additional prerequisites are included in individual course descriptions.

Students not pursuing a School of Business degree may earn a maximum of 30 semester hours in School of Business courses, excluding SECO 221, 222, 291, and 292, providing they meet the course prerequisites and have attained junior standing (60 semester hours earned) before enrolling in 300-level and above courses.

## Graduation Requirements

In addition to meeting the curriculum requirements for a degree in business administration, graduation requires a minimum cumulative GPA of 2.0 and a minimum grade of C (S in SBAD 499) on all upper division School of Business courses. (A grade of D or higher is acceptable for meeting a course prerequisite requirement unless otherwise specified in the catalog course description.) The highest grade earned on any course in business administration and economics is applied toward the degree. At least 50 percent of the business and economics credit hours applied toward graduation must be awarded by USCS.

# Bachelor of Science in Business Administration

## Student Worksheet

Concentrations in Accounting, Economics/Finance, General Business Administration, Management, and Marketing

### General Education Requirements:

#### I. Communication

- \_\_\_\_\_ English 101 and 102; or 146<sup>1</sup> 6
- \_\_\_\_\_ Speech 201 3

#### II. Mathematics

- \_\_\_\_\_ Mathematics 121 and 122; 6
- \_\_\_\_\_ or Mathematics 143 and  
one additional course to be selected  
from Mathematics 126 or higher,  
logic, or statistics

#### III. Arts and Humanities

- \_\_\_\_\_ Fine Arts 3
- \_\_\_\_\_ History 111 or 112 3
- \_\_\_\_\_ One course selected from 3  
the following: American literature;  
American studies; art; English literature;  
linguistics, or literary theory; history;  
literature in a foreign language; music;  
philosophy; religion; speech; theatre;  
word literature.

#### IV. Social and Behavioral Sciences

- \_\_\_\_\_ Government 201 or 3
- \_\_\_\_\_ American Studies 101 or 102
- \_\_\_\_\_ Courses from two of the following, 6  
with two disciplines represented:  
Anthropology; government and  
international studies; Geography 101, 103;  
psychology (except 225); sociology  
(except 201); women's studies 101.

#### V. Natural Sciences

- \_\_\_\_\_ Two courses, including at least one 7-8
- \_\_\_\_\_ laboratory course, to be selected from  
one or more of the following:  
Astronomy; biology; chemistry;  
Geography 201, 202; geology; physics

#### VI. Foreign Culture

- \_\_\_\_\_ One course selected from 3-4  
the following: Anthropology 102;  
art; English 275, 276, 290, 319, 322, 423;  
Geography 121, 212, 340; Government  
and International Studies 310, 326, 327,  
420, 491; History 112, 334, 335, 340, 341,  
343, 360, 361, 370, 371, 372, 391; or any  
foreign language except 103; Religion 103;  
Women's Studies 420.

### VII. Computer Studies

- \_\_\_\_\_ Computer Science 138 3

**VIII. Senior Seminar:** *see major course requirements-  
Business Administration 478: Business Policy*

### Major Course Requirements:

#### Business Core (required in all majors)

- \_\_\_\_\_ Business Administration 225 3
- \_\_\_\_\_ Business Administration 226 3
- \_\_\_\_\_ Business Administration 290 3
- \_\_\_\_\_ Business Administration 347 3
- \_\_\_\_\_ Business Administration 350 3
- \_\_\_\_\_ Business Administration 363 3
- \_\_\_\_\_ Business Administration 371 3
- \_\_\_\_\_ Business Administration 372 3
- \_\_\_\_\_ Business Administration 478 3
- \_\_\_\_\_ Economics 221 3
- \_\_\_\_\_ Economics 222 3
- \_\_\_\_\_ Economics 291 3
- \_\_\_\_\_ Economics 292 3

#### Concentration Areas:

##### Accounting

- \_\_\_\_\_ Public Accounting Track<sup>2</sup>
- ☐ Business Administration 331 3
- ☐ Business Administration 332 3
- ☐ Business Administration 333 3
- ☐ Business Administration 335 3
- ☐ Business Administration 433 3
- ☐ Business Administration 435 3
- ☐ Business Administration 437 3
- ☐ Business Administration 561 3  
or Economics 503

##### Management Accounting Track

- ☐ Business Administration 331 3
- ☐ Business Administration 332 3
- ☐ Business Administration 333 3
- ☐ Business Administration 390 3
- ☐ Business Administration 433 3
- ☐ Business Administration 561 3  
or Economics 503
- ☐ two of the following: Business 6  
Administration 335, 364, 474, 476, 499

##### Economics/Finance

- ☐ Economics 301 3
- ☐ Economics 321 3
- ☐ Economics 322 3

*Continued on next page*

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

<sup>2</sup>Students planning to take the Certified Public Accountant examination should take Business Administration 348 and 432 in addition to the accounting concentration courses.

<input type="checkbox"/>	Economics 503	3			
<input type="checkbox"/>	one of the following: Business Administration 364 or 365	3			
<input type="checkbox"/>	two of the following: Economics 311, 462, 499, 526, Business Administration 499, 561	6			
<hr/>					
	General Business Administration				
<input type="checkbox"/>	one of the following international courses: Business Administration 378, 452, 561, Economics 503	3			
<input type="checkbox"/>	six courses selected from the following Business Administration and Economics courses, such that 3 of the 4 concentrations are represented	18			
<input type="checkbox"/>	<u>accounting concentration courses</u>				
<input type="checkbox"/>	SBAD 331, 332, 333, 335, 336, 348, 399, 432, 433, 435, 437, 499				
<input type="checkbox"/>	<u>economics/finance concentration courses</u>				
<input type="checkbox"/>	SBAD 364, 365, 366, 369, 399, 467, 468, 499, 561, SECO 301, 311, 321, 322, 462, 499, 503, 526				
<input type="checkbox"/>	<u>management concentration courses</u>				
<input type="checkbox"/>	SBAD 374, 377, 378, 390, 398, 399, 471, 474, 475, 476, 477, 499				
<input type="checkbox"/>	<u>marketing concentration courses</u>				
<input type="checkbox"/>	SBAD 351, 352, 353, 399, 452, 456, 457, 458, 459, 499				
<hr/>					
	Management				
<hr/>					
	<u>Management of Organizations Track</u>				
<input type="checkbox"/>	Business Administration 374	3			
<input type="checkbox"/>	one of the following: Business Administration 474, 475	3			
<input type="checkbox"/>	one of the following: Business Administration 377, 477	3			
<input type="checkbox"/>	one of the following: Business Administration 398, 471	3			
<input type="checkbox"/>	one of the following: Economics 503, Business Administration 378, 452, 561	3			
<input type="checkbox"/>	two of the following if not taken to fulfill above requirements: Business Administration 377, 378, 390, 398, 456, 471, 474, 475, 476, 477, 499	6			
<hr/>					
	<u>Manufacturing Management Track</u>				
<input type="checkbox"/>	Business Administration 333	3			
<input type="checkbox"/>	Business Administration 377	3			
<input type="checkbox"/>	Business Administration 474	3			
<input type="checkbox"/>	Business Administration 475	3			
<input type="checkbox"/>	Business Administration 476	3			
<input type="checkbox"/>	one of the following: Economics 503, Business Administration 378, 452, 561	3			
<input type="checkbox"/>	one of the following: Business Administration 374, 378, 390, 398, 456, 471, 477, 499	3			
<hr/>					
	Marketing				
<input type="checkbox"/>	Business Administration 351	3			
<input type="checkbox"/>	Business Administration 352	3			
<input type="checkbox"/>	Business Administration 452	3			
<input type="checkbox"/>	Business Administration 457	3			
<input type="checkbox"/>	Business Administration 458	3			
<input type="checkbox"/>	two of the following: Business Administration 353, 374, 390, 456, 459, 499, 561, Economics 503, 526	6			
<hr/>					
	Supporting Courses				
	Two additional courses chosen from any English course above 200 and from any foreign language course(s).	6			
<hr/>					
	Electives <sup>1</sup>	3-8			
<hr/>					
	Total hours required	120			

<sup>1</sup>General studies courses, University 101 & Mathematics 099 are not acceptable as electives.

## Bachelor of Science in Business Administration Recommended Curriculum Schedule

### Freshman Year—Fall

English 101  
Mathematics 121  
Natural Science  
Computer Science 138  
Group III elective

### Freshman Year—Spring

English 102  
Mathematics 122  
Natural science  
Business 290  
Group III elective

### Sophomore Year—Fall

Economics 221  
Economics 291  
Business 225  
Speech 201  
Group III elective

### Sophomore Year—Spring

Economics 222  
Economics 292  
Business 226  
Government 201  
Support course

### Junior Year—Fall

Group VI elective  
Support course  
Business 347  
Business 371  
Business concentration course

### Junior Year—Spring

Group IV elective  
Business 350  
Business 363  
Business 372  
Business concentration course

### Senior Year—Fall

Free elective  
Free elective  
Group IV elective  
Business concentration course  
Business concentration course

### Senior Year—Spring

Business 478  
Free elective  
Business concentration course  
Business concentration course  
Business concentration course



*School of Education*



The School of Education is a nationally accredited professional school with the chief responsibility of preparing teachers for early childhood, elementary, middle and secondary school certification. The School of Education exercises responsibility for decisions directly affecting the teacher education curriculum and each major aspect of the teacher education process. The School of Education offers programs in early childhood education and elementary education leading to the Bachelor of Arts degree, in physical education and special education leading to a Bachelor of Science degree, and in secondary education leading to either the Bachelor of Arts or Bachelor of Science degree. In addition to their basic task of teaching professional education coursework, the faculty of the school undertake research projects that contribute to improvement in the theory and practice of teacher education. Faculty members conduct research, publish scholarly articles, and engage in service activities designed to assist teachers, students, administrators, and other educators. They sponsor various workshops and conferences planned specifically for the staffs of elementary, middle and secondary schools; often these are cooperative efforts with other agencies. They also cooperate with a number of bureaus and clinics developed to augment public school programs and to provide specialized services to the educational community.

USCS has formed a partnership with USC Sumter to serve students in the Sumter area who are interested in pursuing a baccalaureate degree in either early childhood or elementary education. Students interested in becoming certified teachers will complete their first two years of general education at USC Sumter and then complete the professional education program of USC Spartanburg. Junior- and senior-level professional education courses will be offered either on the USC Sumter campus via distance education technology or in the public schools in the Sumter area.

The School of Education maintains a curriculum resources center for the use of USCS students, faculty, staff and area public school teachers. This facility provides curriculum aids for instructors at all levels.

The Burroughs Child Development Center gives students an opportunity to observe and to work with children ages 3 months to 6 years in a laboratory setting. It offers high quality child care to students and citizens of the community.

## ***Philosophy***

The faculty and administrators of the USCS School of Education, in describing the nature of the school's program, have developed a consistent set of principles and values that serves as the foundation of the school's approach to curriculum and pedagogy and which guides program development. Teacher preparation at USCS is built upon this set of principles and values which is consistent with the university's vision and mission statements. The School of Education faculty states these values and principles clearly in its philosophy. It is the belief of the faculty that students enrolled in the teacher education program at USCS will become reflective practitioners and professionals if they internalize and act in accordance with the philosophy stated below.

Students who graduate from the USCS teacher education program should possess:

- I. A general exposure to and an appreciation of the traditional liberal arts and sciences of both western and non-western traditions. Among these are included a functional knowledge and appreciation of those disciplines found in:
  - a. The natural sciences, including both physical and biological sciences, with reference not only to bodies of theoretical and practical knowledge they have generated, but also to the methods of logical inquiry they have employed and refined.
  - b. The social and behavioral sciences, through knowledge and inquiry employed in qualitative and quantitative research about human individual and social behavior including a study of the field of education.
  - c. Mathematics and computer studies, including knowledge of fundamental operations, mathematical problem solving, and the applications of basic statistics as well as an understanding of the uses and limitations of the computer, both generally and in the student's major discipline.
  - d. The fine arts, especially an acquaintance with and an appreciation for key works and their creators, in both performing and visual arts from both western and non-western artistic traditions.
  - e. Literature, including key works of various genres by male and female authors from western and non-western literary traditions.
  - f. Communication, including study of techniques of effective writing and speaking as well as sufficient opportunities to practice those techniques.
- II. A specific exposure to the most up-to-date pedagogical theories and practices. This requires mastery of content-area knowledge, planning skills, instructional skills, human relations skills, classroom management skills, media and technological skills, basic computer skills, knowledge of human growth and development, knowledge of the foundations of education, and knowledge of the various theories of human learning and motivation. There should also be an awareness of and an ability to interpret descriptive statistics leading to appropriate testing, measuring, and evaluating of pupil achievement not only in cognitive learning, but also in affective and psychomotor learning.
- III. A set of ethical attitudes and habits. Administrators and faculty members model, foster and reinforce principles of justice, sensitivity toward and understanding of racial, ethnic, cultural, spiritual, and gender differences, self-awareness, self-confidence, commitment to teaching, and open-mindedness. No student completes the USCS teacher education program without having continuously reflected upon his or her values, clarified them, and made some attempt to determine whether or not these values are internally consistent, socially worthwhile, and egalitarian in view.

- IV. A commitment to the principle of equality of educational opportunity for all students regardless of race, ethnic background, religious affiliation, or gender. The teachers prepared in the USCS teacher education program are aware of the need for early childhood, elementary and secondary educators to be committed to the principle of equality of educational opportunity and the supporting principles of multicultural education. The program of the School of Education reflects a steadfast commitment to the principles of equity and fairness.
- V. A commitment to knowledge of both theory and practice and an understanding of how one informs and strengthens the other. The faculty and administration of the USCS School of Education believe that attempting to teach any educational theory without the opportunity for practical application of the theory is fruitless, and that attempting to teach any lesson without an understanding of state of the art theoretical grounding is equally fruitless. A well-prepared teacher understands that teaching is an art informed by science; the well-prepared teacher is guided by the best theory and practice known at a given time.

### ***Admission to the Professional Program***

Students must apply to the School of Education for admission to the professional program, which covers the junior and senior years. The professional program application form may be obtained from the school office and must be filed with that office during the term in which students complete 60 semester hours of study.

Admission of applicants is based on individual consideration. Each applicant must fulfill the following requirements:

- completion of English 101 and 102 and Speech 201 or their equivalents, with grades of C or better;
- successful completion of the prerequisites for Mathematics 120;
- cumulative GPA of at least 2.5 on at least 60 hours earned;
- the achievement of passing scores on the Praxis Pre-professional skills test (PPST); and
- two satisfactory recommendations with one coming from the general faculty and one from the School of Education faculty.

Action is taken on a student's application for admission to the professional program as soon as the academic records are available. Students who are accepted enter the professional program. Students whose applications are denied are advised of their alternatives.

Students who plan to meet the requirements for a teaching certificate in secondary education while enrolled in another school of the University should consult with the dean of the School of Education. The dean assigns an advisor in the School of Education to guide the student through the professional sequence of courses. Such consultation should be held as early as possible in the student's undergraduate career to ensure adequate familiarity with teacher education requirements. Students enrolled in other schools of the University should take particular care to inquire about state certification requirements.

Education courses at the 400-level and above may be taken only after admission to the professional program. Students who complete the professional program and who pass the Praxis II Specialty Area Examination, and complete observations using the Assistance, Development, and Evaluation of Professional Teaching (ADEPT) instrument fulfill initial certification requirements of the South Carolina State Board of Education.

### ***Post-baccalaureate Work Toward Teacher Certification***

Students with a baccalaureate degree attending USCS to complete South Carolina requirements for initial teacher certification (referred to as "certification only students") have their record of college/university coursework evaluated by the Chairperson of the Division of Undergraduate Teacher Education. Credit is granted for all general education courses. However, evidence of a "C" or better must appear on the student's transcript for English composition and for public speaking. In addition, "certification only students" must complete ALL specific requirements in professional education and ALL specific requirements in the area(s) of concentration. The Dean may exercise his/her prerogative in accepting coursework.

### ***Admission to Directed Teaching***

Students who wish to enroll for directed teaching must apply no later than the last working day of September (if they wish to teach in the spring) or the last working day of February (if they wish to teach in the fall). The following are general requirements for all students admitted to directed teaching:

- prior admission to the professional program;
- completion of at least three-fourths of all content concentration course work with a grade of C or better in each course completed;
- completion of 90 semester hours;
- 2.5 cumulative GPA;
- completion of all education methods courses with a grade of C or better in each; and
- completion of Mathematics 301 and 302 with a grade of C or better for early childhood and elementary majors.

In addition to these general requirements, there are specific course prerequisites for each major field. No education course may serve as a prerequisite for a subsequent education course until it has been completed with a grade of C or better. These prerequisites may be changed from time to time at the discretion of the school.

Students are responsible for enrolling in the appropriate corequisite coursework with directed teaching. It is the responsibility of students to secure from the school office an updated list of prerequisites for directed teaching in their major and to arrange their course of studies with their education advisor so as to meet those prerequisites.

### ***Transfer Admission***

Transfer students with fewer than 60 semester hours of credit may take courses in the School of Education if they meet all university admission requirements. Transfer students who have earned 60 hours or more must meet the

admission criteria for the professional program at the time of their initial application for admission to the School of Education as a major. Criteria are available in the school office. Only 64 semester hours of credit may be accepted for transfer from a two-year institution and applied toward the professional degree.

### ***Continuation Standards***

After being admitted to the professional program, students must maintain at least a 2.5 GPA for retention in the program; this is in excess of the minimum GPA required by the University for continuing enrollment. Students who do not maintain a 2.5 GPA cannot enroll in any education courses above the 400-level.

### ***Academic Requirements***

No education course may serve as a prerequisite for a subsequent education course until it has been successfully completed with a grade of C or better.

A minimum grade of C is required for any course submitted for fulfillment of professional education and major concentration requirements.

### ***Evaluation***

In addition to evaluations as described in course syllabi, students' competencies relative to School of Education objectives and criteria are evaluated both in professional education courses and during directed teaching. Every applicant for admission to the professional program undergoes an appraisal by the advisor. This appraisal provides a source of evaluation on non-academic as well as academic factors relative to teaching potential. Portfolio assessment provides further evidence of each student's professional growth and development over time.

### ***Degree Programs***

The School of Education has developed curricula leading to the baccalaureate in five broad fields: early childhood, elementary, secondary, physical, and special education. Although the number of credit hours required for graduation varies to some extent with the subject that the student prepares to teach, a minimum of 120 hours is required for any baccalaureate in the School of Education. Students are assigned an advisor with whom they should plan in advance their program of studies for each semester or summer session.

**Early Childhood Education.** The early childhood education program provides preparation for teaching in four- and five-year kindergartens and in the primary grades (1-4). A substantial portion of the curriculum consists of course work in the liberal arts to establish a broad educational background prior to the professional sequence of courses. A content concentration in sociology or psychology provides related course work in a subject specialization. The professional sequence provides content and direct opportunities for field experience. The final experience is a semester-long student teaching assignment of which half is in a pre-primary (4K or 5K) setting and half in a primary setting (grades 1, 2, 3 or 4).

**Elementary Education.** The program prepares students to teach in grades 1-8. The program consists of a

general liberal arts background, professional educational training, and preparation in a content concentration.

During the semester in which students are enrolled in directed teaching (SEDL 470), they spend all of each school day for a period of fifteen weeks in the elementary or middle school to which they are assigned. For both the early childhood and the elementary education degrees, students spend one half of their directed teaching experience at one grade level and half at another.

**Middle Grades Education.** The program in middle grades education prepares students to teach in grades 5-8. The program emphasizes the particular physical, emotional, attitudinal, and intellectual needs of adolescents as well as the organizational, curricular, and pedagogical signature practices of the middle school. This is achieved through the core of general liberal arts coursework, professional education coursework (which includes field-based practicum experiences in middle schools), student teaching in middle school settings, and intensive coursework in two areas of academic concentration.

**Secondary Education.** The program in secondary education prepares students to teach in grades 7-12 and does so through a core of general liberal arts course work, professional education course work, including field-based clinical experiences, a student teaching experience, and intensive course work in a specific area of subject specialization. The secondary education curriculum may lead to either a Bachelor of Arts or Bachelor of Science degree, depending upon the chosen area of subject specialization. The Bachelor of Arts degrees in English and in social studies education require two semesters of foreign language study. Areas of subject specialization in secondary education at USCS include biology, chemistry, English, French, mathematics, social studies—history, social studies—political science and Spanish.

**Special Education: Learning Disabilities.** The Bachelor of Science in Special Education/Learning Disabilities prepares future teachers to serve the needs of special education students with learning disabilities in both regular classrooms and special education resource rooms. Preparation for teaching students with learning disabilities emphasizes appropriate services, curricula, assessment, and instruction required by students with special needs to facilitate their participation in the K-12 general education curriculum. Technology, collaborative and consultation skills, applications of research, and parent consultation skills are stressed throughout the program.

Practicum experiences begin the first semester of the professional program and continue throughout the program. All students participate in a practicum experience at the South Carolina School of the Deaf and Blind, working with students with perceptual disabilities. Content disabilities instructors and their students collaborate with regular education content methods instructors and their students, modeling the collaboration expected in professional settings. In addition to working with individual students with specific disabilities and working as aides in special education settings, students have two seven-week field placements: one placement in a special education resource setting, the other placement in a regular education classroom that includes students with learning disabilities.

**Physical Education.** The physical education program prepares students to teach physical education in grades K-12. In addition to a core program in the liberal arts, students undertake studies in the professional education area as well as in-depth study in physical education. Directed teaching for physical education majors is arranged at both the elementary and secondary levels.

For students desiring a program in physical education that is not oriented toward K-12 classroom teaching, the School of Education offers the corporate fitness concentration.

The School of Education reserves the right to change requirements and modify programs as necessary to fulfill state certification and national accreditation requirements. Students must periodically request updated information from the school.

## Bachelor of Arts

### Major in Early Childhood Education

#### Student Worksheet

#### General Education Requirements

##### I. Communication

- \_\_\_\_\_ English 101 and 102; or 146<sup>1</sup> 6
- \_\_\_\_\_ Speech 201 3

##### II. Mathematics

- \_\_\_\_\_ Mathematics 221 and 222 6

##### III. Arts and Humanities

- \_\_\_\_\_ Two courses selected from art 6
- \_\_\_\_\_ history, music history and
- \_\_\_\_\_ Literature 110, theatre art, or
- \_\_\_\_\_ theatre history
- \_\_\_\_\_ History 111 3
- \_\_\_\_\_ Any philosophy 3

##### IV. Social and Behavioral Sciences

- \_\_\_\_\_ Government and 3
- \_\_\_\_\_ International Studies 201
- \_\_\_\_\_ Sociology 101 3
- \_\_\_\_\_ Psychology 101 3

##### V. Natural Sciences

- \_\_\_\_\_ Biology 110 4
- \_\_\_\_\_ Physics or chemistry 4

##### VI. Foreign Culture

- \_\_\_\_\_ History 112; Religion 103; 3
- \_\_\_\_\_ Government 420 or Womens's Studies 420

##### VII. Computer Studies

- \_\_\_\_\_ Computer Science 138 3

##### VIII. Senior Seminar in Education: see directed teaching

#### Professional Education

- \_\_\_\_\_ SEDC 400: Resources and 1
- \_\_\_\_\_ Technology in Teaching
- \_\_\_\_\_ SEDF 333: Educational 3
- \_\_\_\_\_ Development of the Life-long
- \_\_\_\_\_ Learner
- \_\_\_\_\_ SEDF 341: Educational 3

#### Procedures for Exceptional Learners

- \_\_\_\_\_ SEDF 485: Principles of Effective 3
- \_\_\_\_\_ Classroom Management and
- \_\_\_\_\_ Assessment
- \_\_\_\_\_ SEDR 414: Emergent and 3
- \_\_\_\_\_ Early Literacy
- \_\_\_\_\_ SEDE 410: Clinical I in Early 2
- \_\_\_\_\_ Childhood Education
- \_\_\_\_\_ SEDE 420: The Young Child: 3
- \_\_\_\_\_ Behavior and Development
- \_\_\_\_\_ SEDE 422: Survey of 3
- \_\_\_\_\_ Early Childhood Education
- \_\_\_\_\_ SEDE 440: Clinical II 2
- \_\_\_\_\_ in Early Childhood Education
- \_\_\_\_\_ SEDE 445: Language Development 3
- \_\_\_\_\_ and Communicative Skill
- \_\_\_\_\_ SEDE 446: Math for the 3
- \_\_\_\_\_ Young Child
- \_\_\_\_\_ SEDE 447: Social Studies 3
- \_\_\_\_\_ for the Young Child
- \_\_\_\_\_ SEDE 448: Science for the 3
- \_\_\_\_\_ Young Child
- \_\_\_\_\_ SEDE 449: Creativity and Play 3
- \_\_\_\_\_ SEDE 468 Education of the 3
- \_\_\_\_\_ Young Child: An Ecological
- \_\_\_\_\_ Approach
- \_\_\_\_\_ SEDE 469: Directed Teaching 12
- \_\_\_\_\_ in Early Childhood Education

#### Content Concentration 12

- \_\_\_\_\_ Twelve semester hours, as specified and
- \_\_\_\_\_ with the advisor's approval, from one of
- \_\_\_\_\_ the two concentration areas listed below:
- \_\_\_\_\_ ☐ Psychology (303 level and above)
- \_\_\_\_\_ ☐ Sociology (300 level and above)

#### Support Courses

- \_\_\_\_\_ Literature 3
- \_\_\_\_\_ English 484: Children's Literature 3
- \_\_\_\_\_ Health Education 221: 3
- \_\_\_\_\_ Lifelong Health and Wellness

#### Electives 3

#### Total hours required 127

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

# Bachelor of Arts

## Major in Elementary Education

### Student Worksheet

#### General Education Requirements

- I. Communication**
- \_\_\_\_\_ English 101 and 102; or 146<sup>1</sup> 6
- \_\_\_\_\_ Speech 201 3
- II. Mathematics**
- \_\_\_\_\_ Mathematics 221 and 222 6
- III. Arts and Humanities**
- \_\_\_\_\_ Two courses selected from art 6
- \_\_\_\_\_ history, music history, or theatre history
- \_\_\_\_\_ History 111 3
- \_\_\_\_\_ Any philosophy 3
- IV. Social and Behavioral Sciences**
- \_\_\_\_\_ Government and International 3
- \_\_\_\_\_ Studies 201
- \_\_\_\_\_ Sociology 101 or Psychology 101 or 3
- \_\_\_\_\_ Women's Studies 101
- \_\_\_\_\_ Geography 103 or Anthropology 102 3
- V. Natural Sciences**
- \_\_\_\_\_ Biology 110 4
- \_\_\_\_\_ Physics or chemistry 4
- VI. Foreign Culture**
- \_\_\_\_\_ History 112; Religion 103; 3
- \_\_\_\_\_ Government 420 or Women's Studies 420
- VII. Computer Studies**
- \_\_\_\_\_ Computer Science 138 3
- VIII. Senior Seminar in Education: see directed teaching**

#### Professional Education

- \_\_\_\_\_ SHED 331: Health and Physical 3
- \_\_\_\_\_ Education for the Elementary School Child
- \_\_\_\_\_ SAED 329, SMUE 354, 3
- \_\_\_\_\_ or theatre methods
- \_\_\_\_\_ SEDC 400: Resources and 1
- \_\_\_\_\_ Technology in Teaching
- \_\_\_\_\_ SEDF 210: Foundations of Education 3
- \_\_\_\_\_ SEDF 333: Educational 3
- \_\_\_\_\_ Development of the Lifelong Learner
- \_\_\_\_\_ SEDF 341: Educational 3
- \_\_\_\_\_ Procedures for Exceptional Learners
- \_\_\_\_\_ SEDF 485: Principles of Effective 3
- \_\_\_\_\_ Classroom Management and Assessment
- \_\_\_\_\_ SEDR 416: Reading in the 3
- \_\_\_\_\_ Elementary and Middle School

- \_\_\_\_\_ SEDL 441: Elementary School 3
- \_\_\_\_\_ Curriculum
- \_\_\_\_\_ SEDL 445: Teaching Language 3
- \_\_\_\_\_ Arts in the Elementary and Middle School
- \_\_\_\_\_ SEDL 446: Teaching Math 3
- \_\_\_\_\_ in the Elementary and Middle School
- \_\_\_\_\_ SEDL 447: Teaching Social 3
- \_\_\_\_\_ Studies in the Elementary and Middle School
- \_\_\_\_\_ SEDL 448: Teaching Science 3
- \_\_\_\_\_ in the Elementary and Middle School
- \_\_\_\_\_ SEDL 449: Issues and Trends 3
- \_\_\_\_\_ in Elementary Education
- \_\_\_\_\_ SEDL 470: Directed Teaching 12
- \_\_\_\_\_ in the Elementary and Middle School

#### Content Concentration 15

- \_\_\_\_\_ Fifteen semester hours, as specified
- \_\_\_\_\_ and with advisor's approval, from
- \_\_\_\_\_ one of the concentration areas listed
- \_\_\_\_\_ below:

- ☐ English (courses at the 300-400 level)
- ☐ Foreign Language (courses in a single language 202 and above, but may not include courses in translation)
- ☐ Art (art studio and/or art history at the 200 level or above)
- ☐ Fine Arts (combination of courses in music other than 110, theatre at the 170 level or above and art at the 200 level or above)
- ☐ Speech (300 level or above)
- ☐ Theatre (theatre at the 170 level or above, English 406 or 407, and English 422)
- ☐ Journalism (300 level or above)
- ☐ History (American history at the 300 level or above, European history at the 300 level or above, third world history at the 300 level or above, and six additional hours in any history at the 300 level or above)
- continued on next page*

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

- ☐ Government and International Studies (SGIS 301, 310, 364, 370, and 385)
- ☐ Philosophy (200 level and above)
- ☐ Psychology (303 level and above)
- ☐ Sociology (300 level and above)
- ☐ Science
  - General**
    - \_\_\_\_\_ SGEL 103
    - \_\_\_\_\_ SBIO 240 or SBIO 270 and 270L
    - \_\_\_\_\_ SCHM 105/106 and 107L or SCHM 101 or SPHS 101 and 101L (select from discipline other than that used for general education)
    - \_\_\_\_\_ SBIO 240
    - \_\_\_\_\_ SGEL 101; or SAST 111 and 111L

#### **Physical**

- \_\_\_\_\_ SAST 111 and 111L
- \_\_\_\_\_ SGEL 101 or SGEL 120 or SGEL 121
- \_\_\_\_\_ SCHM 101 and 102 or SCHM 111 and 112 or SPHS 101 and 101L and SCHM at the 100 level (select chemistry if physics taken in general education; select physics and

chemistry if chemistry taken in general education)

#### **Biological**

- \_\_\_\_\_ SBIO 102 (and substitute 101 for 110)
- \_\_\_\_\_ SBIO 232
- \_\_\_\_\_ SBIO 242
- \_\_\_\_\_ SBIO at the 300 or 500 level

#### **Chemical**

- \_\_\_\_\_ SCHM 111
- \_\_\_\_\_ SCHM 112
- \_\_\_\_\_ SCHM 102
- \_\_\_\_\_ SCHM 321 and 321L

#### **Earth Sciences**

- \_\_\_\_\_ SGEL 101 or SGEL 120 or SGEL 121
- \_\_\_\_\_ SGEL 102
- \_\_\_\_\_ SAST 111 and 111L
- \_\_\_\_\_ SGEL 103 or SGEL 131

- ☐ Mathematics (126 or higher, excluding 301 and 302)

#### **Support Courses**

- \_\_\_\_\_ Literature 3
- \_\_\_\_\_ English 484: Children's Literature 3
- \_\_\_\_\_ Science elective 3-4
- \_\_\_\_\_ Health Education 221: Lifelong Health and Wellness 3

**Total hours required 129-130**

## **Bachelor of Arts Major in Middle Grades Education Student Worksheet**

### **General Education Requirements**

#### **I. Communication**

- \_\_\_\_\_ English 101 and 102; or 146<sup>1</sup> 6
- \_\_\_\_\_ Speech 201 3

#### **II. Mathematics**

- \_\_\_\_\_ Mathematics 120 or higher level mathematics 3
- \_\_\_\_\_ Statistics (Mathematics 201<sup>2</sup> or Psychology 225 or Sociology 201) 3

#### **III. Arts and Humanities**

- \_\_\_\_\_ One from Art history, Music History 3 and Literature 110 or Theatre History
- \_\_\_\_\_ History 111 3
- \_\_\_\_\_ Philosophy 3

#### **IV. Social and Behavioral Sciences**

- \_\_\_\_\_ Government and International Studies 3
- \_\_\_\_\_ 201; American Studies 101 or 102
- \_\_\_\_\_ Psychology 101 3
- \_\_\_\_\_ Sociology 101 3

#### **V. Natural Sciences**

- \_\_\_\_\_ Biology 110 4
- \_\_\_\_\_ Physical science elective (astronomy, chemistry, geology or physics) 4

#### **VI. Foreign Culture**

- \_\_\_\_\_ History 112<sup>3</sup>; Religion 103; 3

#### **VII. Computer Studies**

- \_\_\_\_\_ Computer Science 138 3

#### **VIII. Senior Seminar in Education: see directed teaching**

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

<sup>2</sup>Math 201 recommended for students with math concentration.

<sup>3</sup>History 112 is required for student with social studies concentration.

<b>Professional Education</b>	
SEDC 400: Resources and Technology in Teaching	1
SEDF 210: Foundations of Education	3
SEDF 333: Educational Development of the Lifelong Learner	3
SEDF 341: Educational Procedures for Exceptional Learners	3
SEDR 418: Reading in the Secondary Schools	3
SEDS 441: Middle and Secondary School Curriculum	3
SEDS 442: Middle and Secondary School Teaching Methodology	3
Middle School Methods #1*	3
Middle School Methods #2*	3
*Select from SEDL 445 (language arts), SEDL 446 (mathematics) SEDL 447 (social studies) and SEDL 448 (science) to match Concentration Area #1 and Concentration Area #2	
SEDF 485: Classroom Management and Assessment	3
SEDL 470: Directed Teaching in Middle School	12

<b>Content Concentration**</b>		<b>15</b>
Area #1		3
		3
		3
		3
		3
<b>Content Concentration**</b>		<b>15</b>
Area #2		3
		3
		3
		3
		3
<b>Support Courses</b>		
Health Education 221: Lifelong Health and Wellness		3
<b>Electives</b>		<b>3</b>
<b>Total hours required</b>		<b>123</b>

*\*\*coursework is determined in accordance with requirements available from student's academic advisor.*

## Bachelor of Arts in Middle Grades Education Suggested Course Sequence

### Fall

#### Freshman

SEGL 101  
Fine Arts Elective  
SPSY 101  
SBIO 110  
SCSC 138

#### Sophomore

SMTH 120 (126 for Math conc.)  
SEDF 333  
Philosophy  
SSPH 201  
SGIS 201 or SAMS 101 or 102

#### Junior

SEDS 441  
SEDS 442  
Concentration 1  
Concentration 2  
Concentration 1

#### Senior

Concentration 2  
Concentration 2  
Concentration 2  
Concentration 1  
SEDC 400  
Methods Course 2

### Spring

#### Freshman

SEGL 102  
SSOC 101  
SHST 111  
Physical Science  
SEDF 210

#### Sophomore

Statistics<sup>1</sup>  
SEDF 341  
SHST 112<sup>2</sup> or SREL 103  
SHED 221  
Elective

#### Junior

Methods Course 1  
Concentration 1  
Concentration 1  
Concentration 2  
SEDR 418

#### Senior

SEDF 485  
SEDL 470

<sup>1</sup>Math 201 recommended for students with math concentration.

<sup>2</sup>History 112 is required for student with social studies concentration.

# Bachelor of Arts

## Major in Secondary Education (French)

### Student Worksheet

#### General Education Requirements

##### I. Communication

\_\_\_\_\_ English 101 and 102; or 146<sup>1</sup> 6

\_\_\_\_\_ Speech 201 3

##### II. Mathematics

\_\_\_\_\_ Mathematics 120 or 3

\_\_\_\_\_ higher level mathematics

\_\_\_\_\_ Mathematics 201, Psychology 225, 3  
or Sociology 201

##### III. Arts and Humanities

\_\_\_\_\_ Art history, Music History 3

\_\_\_\_\_ and Literature 110, Theatre 161, or

\_\_\_\_\_ Theatre 162

\_\_\_\_\_ History 111 3

\_\_\_\_\_ Philosophy 3

##### IV. Social and Behavioral Sciences

\_\_\_\_\_ Government and 3

\_\_\_\_\_ International Studies 201

\_\_\_\_\_ Sociology 101 or Anthropology 102 3

\_\_\_\_\_ or Women's Studies 101

\_\_\_\_\_ Psychology 101 3

##### V. Natural Sciences

\_\_\_\_\_ Biology 110 4

\_\_\_\_\_ Physical science elective (geology, chemistry, 4  
physics, or astronomy)

##### VI. Foreign Culture

\_\_\_\_\_ History 112; Religion 103; 3

\_\_\_\_\_ Government 420 or women's Studies 420

##### VII. Computer Studies

\_\_\_\_\_ Computer Science 138 3

##### VIII. Senior Seminar in Education: see directed teaching

#### Professional Education

\_\_\_\_\_ SEDC 400: Resources and 1

\_\_\_\_\_ Technology in Teaching

\_\_\_\_\_ SEDF 210: Foundations 3

\_\_\_\_\_ of Education

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

<sup>2</sup>Assumes language proficiency at the level of French 201. If the student starts at the 101 level, the total number of hours required in the program is 132-135.

\_\_\_\_\_ SEDF 333: Educational 3

\_\_\_\_\_ Development of the Lifelong Learner

\_\_\_\_\_ SEDF 341: Educational Procedures 3

\_\_\_\_\_ for Exceptional Learners

\_\_\_\_\_ SEDF 485: Principles of Effective 3

\_\_\_\_\_ Classroom Management

\_\_\_\_\_ and Assessment

\_\_\_\_\_ SEDR 418: Reading in the 3

\_\_\_\_\_ Secondary Schools

\_\_\_\_\_ SEDS 441: Middle and 3

\_\_\_\_\_ Secondary School Curriculum

\_\_\_\_\_ SEDS 442: Middle and Secondary 3

\_\_\_\_\_ School Teaching Methodology

\_\_\_\_\_ SEDS 449: Teaching Foreign 3

\_\_\_\_\_ Language in Secondary Schools

\_\_\_\_\_ SEDS 474: Directed Teaching in 12

\_\_\_\_\_ Secondary School Foreign Language

#### Content Concentration<sup>2</sup>

\_\_\_\_\_ French 104: French Culture 3

\_\_\_\_\_ French 202: Intermediate French 3

\_\_\_\_\_ or a French Literature course

\_\_\_\_\_ One or two courses selected 3-6

\_\_\_\_\_ from the following: French 210:

\_\_\_\_\_ French Oral Communication

\_\_\_\_\_ French 310: French Conversation

\_\_\_\_\_ French 250 or 350: Selected Studies

\_\_\_\_\_ Abroad

\_\_\_\_\_ French 308: Business French or 3

\_\_\_\_\_ French 309: French Grammar and

\_\_\_\_\_ Composition

\_\_\_\_\_ Three French literature courses 9

\_\_\_\_\_ \_\_\_\_\_

\_\_\_\_\_ French 320: French Civilization 3

\_\_\_\_\_ French 450: Foreign Language 3

\_\_\_\_\_ Technology

\_\_\_\_\_ French 453: Introduction to 3

\_\_\_\_\_ Romance Linguistics

\_\_\_\_\_ French 490: Senior Seminar 3

#### Support Courses

\_\_\_\_\_ English 275: Masterpieces 3

\_\_\_\_\_ of World Literature I or

\_\_\_\_\_ English 276: Masterpieces

\_\_\_\_\_ of World Literature II

\_\_\_\_\_ English 451: Introduction to 3

\_\_\_\_\_ the Study of Language

\_\_\_\_\_ **Total hours required 123-126**



# Bachelor of Arts

## Major in Secondary Education (Spanish)

### Student Worksheet

#### General Education Requirements

##### I. Communication

English 101 and 102; or 146 <sup>1</sup>	6
Speech 201	3

##### II. Mathematics

Mathematics 120 or higher level mathematics	3
Mathematics 201, Psychology 225, or Sociology 201	3

##### III. Arts and Humanities

Art history, Music History and Literature 110, Theatre 161, or Theatre 162	3
History 111	3
Philosophy	3

##### IV. Social and Behavioral Sciences

Government and International Studies 201	3
Sociology 101 or Anthropology 102 or Women's Studies 101	3
Psychology 101	3

##### V. Natural Sciences

Biology 110	4
Physical science elective (geology, chemistry, physics, or astronomy)	4

##### VI. Foreign Culture

History 112; Religion 103; Government 420 or Women's Studies 420	3
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##### VII. Computer Studies

Computer Science 138	3
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##### VIII. Senior Seminar in Education: *see directed teaching*

#### Professional Education

SEDC 400: Resources and Technology in Teaching	1
SEDF 210: Foundations of Education	3
SEDF 333: Educational Development of the Lifelong Learner	3
SEDF 341: Educational Procedures for Exceptional Learners	3
SEDF 485: Principles of Effective Classroom Management and Assessment	3

SEDR 418: Reading in the Secondary Schools	3
SEDS 441: Middle and Secondary School Curriculum	3
SEDS 442: Middle and Secondary School Teaching Methodology	3
SEDS 449: Teaching Foreign Language in Secondary Schools	3
SEDS 474: Directed Teaching in Secondary School Foreign Language	12

#### Content Concentration<sup>2</sup>

Spanish 104: Spanish Culture or Sociology 421: Latin American Studies	3
Spanish 202: Intermediate Spanish or a Spanish literature course	3
One or two courses selected from the following:	3-6
Spanish 210: Spanish Oral Communication	
Spanish 310: Spanish Conversation	
Spanish 250 or 350: Selected Studies Abroad	
Spanish 308: Business Spanish or Spanish 309: Spanish Grammar and Composition	3
Three Spanish literature courses	9
Spanish 320: Spanish Civilization	3
Spanish 450: Foreign Language Technology	3
Spanish 453: Introduction to Romance Linguistics	3
Spanish 490: Senior Seminar	3

#### Support Courses

English 275: Masterpieces of World Literature I or English 276: Masterpieces of World Literature II	3
English 451: Introduction to the Study of Language	3

**Total hours required 123-126**

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

<sup>2</sup>Assumes language proficiency at the level of Spanish 201. If the student starts at the 101 level, the total number of hours required in the program is 132-135.

**Bachelor of Science**  
**Major in Secondary Education (Biology)**  
**Student Worksheet**

**General Education Requirements**

**I. Communication**

English 101 and 102; or 146 <sup>1</sup>	6
Speech 201	3

**II. Mathematics**

Mathematics 126	3
Mathematics 127	3

**III. Arts and Humanities**

Art history, Music History and Literature 110, Theatre 161, or Theatre 162	3
History 111	3
Philosophy	3

**IV. Social and Behavioral Sciences**

Government and International Studies 201	3
Sociology 101, Anthropology 102 or Women's Studies 101	3
Psychology 101	3

**V. Natural Sciences**

Biology 101	4
Chemistry 111	4

**VI. Foreign Culture**

English 275 or 276; Religion 103; Government 420 or Women's Studies 420	3
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**VII. Computer Studies**

Computer Science 138	3
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**VIII. Senior Seminar in Education: see directed teaching**

**Professional Education**

SEDC 400: Resources and Technology in Teaching	1
SEDF 210: Foundations of Education	3
SEDF 333: Educational Development of the Lifelong Learner	3
SEDF 341: Educational Procedures for Exceptional Learners	3

SEDF 485: Principles of Effective Classroom Management and Assessment	3
SEDR 418: Reading in the Secondary Schools	3
SEDS 441: Middle and Secondary School Curriculum	3
SEDS 442: Middle and Secondary School Teaching Methodology	3
SEDS 448: Teaching Science in Secondary Schools	3
SEDS 481: Directed Teaching in Secondary School Natural Science	12

**Content Concentration**

Biology 102: Biological Science II	4
Biology 310: Invertebrate Zoology	4
Biology 315: Comparative Vertebrate Anatomy	4
Biology 320: Botany or Biology 380: Plant Geography	4
Biology 330: Microbiology	4
Biology 350: Genetics	4
Biology 570: Principles of Ecology	4
Chemistry 102: Fundamental Chemistry II or Biology 340: Cell Biology	4

**Support Courses**

Physics 201: General Physics I	4
Geology 101: Physical Geology	4
Chemistry 112: General Chemistry and Quantitative Analysis	4

**Total hours required 128**

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

**Bachelor of Science**  
**Major in Secondary Education (Chemistry)**  
**Student Worksheet**

**General Education Requirements**

**I. Communication**

English 101 and 102; or 146 <sup>1</sup>	6
Speech 201	3

**II. Mathematics**

Mathematics 143	3
Mathematics 144	3

**III. Arts and Humanities**

Art history, Music History and Literature 110, Theatre 161 or Theatre 162	3
History 111	3
Philosophy	3

**IV. Social and Behavioral Sciences**

Government and International Studies 201	3
Sociology 101 or Anthropology 102 or Women's Studies 101	3
Psychology 101	3

**V. Natural Sciences**

Biology 101 or 110	4
Physics 201 or 211	4

**VI. Foreign Culture**

English 275 or 276; Religion 103; Government 420 or Women's Studies 420	3
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**VII. Computer Studies**

Computer Science 138	3
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**VIII. Senior Seminar in Education: see directed teaching**

**Professional Education**

SEDC 400: Resources and Technology in Teaching	1
SEDF 210: Foundations of Education	3
SEDF 333: Educational Development of the Lifelong Learner	3
SEDF 341: Educational Procedures for Exceptional Learners	3
SEDF 485: Principles of Effective	3

Classroom Management and Assessment

SEDR 418: Reading in the Secondary Schools	3
SEDS 441: Middle and Secondary School Curriculum	3
SEDS 442: Middle and Secondary School Teaching Methodology	3
SEDS 448: Teaching Science in Secondary Schools	3
SEDS 481: Directed Teaching in Secondary School Natural Science	12

**Content Concentration**

Chemistry 111: General Chemistry	4
Chemistry 112: General Chemistry and Qualitative Analysis	4
Chemistry 321: Quantitative Analysis	4
Chemistry 331: Organic Chemistry I	4
Chemistry 332: Organic Chemistry II	4
Chemistry 541: Physical Chemistry I	4
Chemistry 581: Biochemistry	3
Chemistry 583L: Biochemistry Lab	1
Chemistry elective (499 or higher)	4

**Support Courses**

Physics 202: General Physics II	4
Geology 101: Physical Geology, or Geology 102: Historical Geology, or Geology 103: Environmental Earth Science	4
Mathematics 243: Calculus III	3
Mathematics 244: Calculus IV	3

**Total hours required 130**

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

# Bachelor of Science

## Major in Secondary Education (Mathematics)

### Student Worksheet

#### General Education Requirements

<b>I. Communication</b>		
English 101 and 102; or 146 <sup>1</sup>	6	
Speech 201	3	
<b>II. Mathematics</b>		
Mathematics 127	3-6	
(or Mathematics 126 and 127)		
Mathematics 174	3	
<b>III. Arts and Humanities</b>		
Art history, Music History	3	
and Literature 110, Theatre 161,		
or Theatre 162		
History 111	3	
Philosophy	3	
<b>IV. Social and Behavioral Sciences</b>		
Government and	3	
International Studies 201		
Sociology 101, Anthropology 102	3	
or Women's Studies 101		
Psychology 101		
<b>V. Natural Sciences</b>		
Biology 110	4	
Physical science elective (geology, chemistry,	4	
physics, or astronomy)		
<b>VI. Foreign Culture</b>		
History 112; Religion 103;	3	
Government 420 or Women's Studies 420		
<b>VII. Computer Studies</b>		
Computer Science 141	3	
<b>VIII. Senior Seminar in Education: see directed teaching</b>		

#### Professional Education

SEDC 400: Resources and	1
Technology in Teaching	
SEDF 210: Foundations	3
of Education	
SEDF 333: Educational	3
Development of the Lifelong Learner	

SEDF 341: Educational Procedures	3
for Exceptional Learners	
SEDF 485: Principles of Effective	3
Classroom Management	
and Assessment	
SEDR 418: Reading in the	3
Secondary Schools	
SEDS 441: Middle and	3
Secondary School Curriculum	
SEDS 442: Middle and Secondary	3
School Teaching Methodology	
SEDS 446: Teaching Mathematics	3
in Secondary Schools	
SEDS 478: Directed Teaching	12
in Secondary School Mathematics	

#### Content Concentration

Mathematics 143: Calculus I	3
Mathematics 144: Calculus II	3
Mathematics 198: Seminar in	1
Strategies of Problem Solving	
Mathematics 243: Calculus III	3
Mathematics 244: Calculus IV	3
Mathematics 315: Statistical	3
Methods or Mathematics 512:	
Probability and Statistics	
Mathematics 340: Mathematical	
Structures and Proof	3
Mathematics 531: Geometry	3
Mathematics 344:	3
Matrix Algebra	
Mathematics 346: Introduction	3
to Modern Algebra	
Mathematics 501: History	3
of Mathematics	
Mathematics 599: Senior Seminar	3

#### Support Courses

English 275: Masterpieces	3
of World Literature I or	
English 276: Masterpieces	
of World Literature II	

#### Electives

	3
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**Total hours required 124-127**

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

# Bachelor of Arts or Science Major in Secondary Education (English)

## Student Worksheet

### General Education Requirements

#### I. Communication

English 101 and 102; or 146 <sup>1</sup>	6
Speech 201	3

#### II. Mathematics

Mathematics 120 or higher level mathematics	3
Mathematics 201, Psychology 225, or Sociology 201	3

#### III. Arts and Humanities

Art history, Music History and Literature 110, Theatre 161, or Theatre 162	3
History 111	3
Philosophy	3

#### IV. Social and Behavioral Sciences

Government and International Studies 201	3
Sociology 101, Anthropology 102 or Women's Studies 101	3
Psychology 101	3

#### V. Natural Sciences

Biology 110	4
Physical science elective (geology, chemistry, physics, or astronomy)	4

#### VI. Foreign Culture

History 112; Religion 103; Government 420 or Women's Studies 420	3
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#### VII. Computer Studies

Computer Science 138	3
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#### VIII. Senior Seminar in Education: see directed teaching

### Professional Education

SEDC 400: Resources and Technology in Teaching	1
SEDF 210: Foundations of Education	3
SEDF 333: Educational Development of the Lifelong Learner	3
SEDF 341: Educational Procedures for Exceptional Learners	3
SEDF 485: Principles of Effective Classroom Management and Assessment	3
SEDR 418: Reading in the Secondary Schools	3

SEDS 441: Middle and Secondary School Curriculum	3
SEDS 442: Middle and Secondary School Teaching Methodology	3
SEDS 445: Teaching English in Secondary Schools	3
SEDS 473: Directed Teaching in Secondary School English	12

### Content Concentration

English 275: Masterpieces of World Literature I or English 276: Masterpieces of World Literature II	3
English 291: Black American Literature or other approved course in minority literature	3
English genre or period elective (300 level or above)	3
American literature (300 level or above)	6
British literature (300 level or above)	3
English 405: Shakespeare's Early Plays or English 406: Shakespeare's Late Plays	3
English 451: Introduction to the Study of Language, English 455: Language Study Applications, or English 252: English Grammar	3
English 453: Development of the English Language	3
English 468: Creative Writing or English 459: Advanced Rhetoric and Composition	3
English 483: Theory of Literary Criticism	3
English 485: Adolescent Literature	3
English 490: Senior Seminar in English	3

### Support Courses

Foreign language (required for Bachelor of Arts only)	3-4
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### Electives (for Bachelor of Arts, this must be a foreign language)

**Total hours required for Bachelor of Science** **126**

**Total hours required for Bachelor of Arts** **129-131**

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

**Bachelor of Arts or Science**  
**Major in Secondary Education (Social Studies/History)**  
*Student Worksheet*

**General Education Requirements**

**I. Communication**

English 101 and 102; or 146 <sup>1</sup>	6
Speech 201	3

**II. Mathematics**

Mathematics 120 or higher level mathematics	3
Mathematics 201, Psychology 225, or Sociology 201	3

**III. Arts and Humanities**

Art history, Music History and Literature 110, Theatre 161, or Theatre 162	3
History 111	3
Philosophy	3

**IV. Social and Behavioral Sciences**

Government and International Studies 201	3
Sociology 101, Anthropology 102 or Women's Studies 101	3
Psychology 101	3

**V. Natural Sciences**

Biology 110	4
Physical science elective (geology, chemistry, physics, or astronomy)	4

**VI. Foreign Culture**

History 112; Religion 103; Government 420 or Women's Studies 420	3
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**VII. Computer Studies**

Computer Science 138	3
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**VIII. Senior Seminar in Education: see directed teaching**

**Professional Education**

SEDC 400: Resources and Technology in Teaching	1
SEDF 210: Foundations of Education	3
SEDF 333: Educational Development of the Lifelong Learner	3
SEDF 341: Educational Procedures for Exceptional Learners	3
SEDF 485: Principles of Effective Classroom Management and Assessment	3
SEDR 418: Reading in the Secondary Schools	3

SEDS 441: Middle and Secondary School Curriculum	3
SEDS 442: Middle and Secondary School Teaching Methodology	3
SEDS 447: Teaching Social Studies in Secondary Schools	3
SEDS 475: Directed Teaching in Secondary School Social Studies	12

**Content Concentration**

History 360 or 361: History of Africa	3
History 370: History of China, History 372: History of India, or History 371: History of Japan	3
American history, pre-1865 (300 level or above)	3
American history, post-1865 (300 level or above)	3
European history (300 level or above, two countries represented)	6
Geography 103: Introduction to Geography or Geography 121: Principles of Regional Geography	3-4
Economics 221: Principles of Macroeconomics or Economics 222: Principles of Microeconomics	3
Anthropology 102: Understanding Other Cultures or Sociology 433: Race and Ethnic Relations	3
Government and International Studies elective (300 level or above)	3
Psychology or Sociology elective	3
History 500: Senior Seminar	3

**Support Courses**

English 275: Masterpieces of World Literature I or English 276: Masterpieces of World Literature II	3
Foreign language (required for Bachelor of Arts only)	3-4

**Electives** (for Bachelor of Arts, this must be a foreign language) 3-4

**Total hours required for Bachelor of Science 126-127**

**Total hours required for Bachelor of Arts 129-131**

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

**Bachelor of Arts or Science**  
**Major in Secondary Education**  
**(Social Studies/Political Science)**  
*Student Worksheet*

**General Education Requirements**

**I. Communication**

English 101 and 102; or 146 <sup>1</sup>	6
Speech 201	3

**II. Mathematics**

Mathematics 120 or higher level mathematics	3
Mathematics 201, Psychology 225, or Sociology 201	3

**III. Arts and Humanities**

Art history, Music History and Literature 110, Theatre 161, or Theatre 162	3
History 111	3
Philosophy	3

**IV. Social and Behavioral Sciences**

Government and International Studies 201	3
Sociology 101, Anthropology 102 or Women's Studies 101	3
Psychology 101	3

**V. Natural Sciences**

Biology 110	4
Physical science elective (geology, chemistry, physics, or astronomy)	4

**VI. Foreign Culture**

History 112; Religion 103; Government 420 or Women's Studies 420	3
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**VII. Computer Studies**

Computer Science 138	3
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**VIII. Senior Seminar in Education: see directed teaching**

**Professional Education**

SEDC 400: Resources and Technology in Teaching	1
SEDF 210: Foundations of Education	3
SEDF 333: Educational Development of the Lifelong Learner	3
SEDF 341: Educational Procedures for Exceptional Learners	3
SEDF 485: Principles of Effective Classroom Management and Assessment	3

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

SEDR 418: Reading in the Secondary Schools	3
SEDS 441: Middle and Secondary School Curriculum	3
SEDS 442: Middle and Secondary School Teaching Methodology	3
SEDS 447: Teaching Social Studies in Secondary Schools	3
SEDS 475: Directed Teaching in Secondary School Social Studies	12

**Content Concentration**

Government and International Studies 301: Introduction to Political Science	3
Government and International Studies 310: International Politics	3
Government and International Studies 364: State and Local Government	3
Government and International Studies 320: Comparative Politics or Government and International Studies 403: History of Political Thought	3
Government and International Studies 385: American Political Thought, Government and International Studies 550: Constitutional Law, or Government and International Studies 551: Civil Rights and Civil Liberties	3

American history, pre-1865 (300 level or above)	3
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American history, post-1865 (300 level or above)	3
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Geography 103: Introduction to Geography or Geography 121: Principles of Regional Geography	3-4
Economics 221: Principles of Macroeconomics or Economics 222: Principles of Microeconomics	3
Anthropology 102: Understanding Other Cultures or Sociology 433: Race and Ethnic Relations	3
History elective (300 level or above)	3

Psychology or Sociology elective	3
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Government and International Studies 500: Senior Seminar	3
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*continued on next page*

<b>Support Courses</b>		
English 275: Masterpieces of World Literature I or English 276: Masterpieces of World Literature II	3	
Foreign language (required for Bachelor of Arts only)	3-4	

<b>Electives</b> (for Bachelor of Arts, this must be a foreign language)	3-4
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<b>Total hours required for Bachelor of Science</b>	<b>129-130</b>
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<b>Total hours required for Bachelor of Arts</b>	<b>132-134</b>
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## Bachelor of Science Major in Physical Education *Student Worksheet*

### General Education Requirements

#### I. Communication

English 101 and 102; or 146 <sup>1</sup>	6
Speech 201	3

#### II. Mathematics

Mathematics 120	3
Mathematics 201, Economics 291, Psychology 225 or Sociology 201	3

#### III. Arts and Humanities

Art history, Music History and Literature 110, Theatre 161, or Theatre 162	3
Philosophy	3
History 112	3

#### IV. Social and Behavioral Sciences

Government and International Studies 201	3
Psychology 101	3
Anthropology 102, Geography 103, or any sociology (except 201); or Women's Studies 101	3

#### V. Natural Sciences

Biology 110	4
Physics 101	4

#### VI. Foreign Culture

English 275 or 276; Religion 103; Government 420 or Women's Studies 420	3
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#### VII. Computer Studies

Computer Science 138	3
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#### VIII. Senior Seminar in Education: *see directed teaching*

#### Professional Education

SEDC 400: Resources and Technology in Teaching	1
SEDF 210: Foundations of Education	3
SEDF 333: Educational Development of the Lifelong	3

Learner or Psychology 302: Developmental Psychology	3
SEDR 418: Reading in the Secondary School	12
SPED 479: Directed Teaching in Physical Education	

### Major

SPED 100 series—physical education activity courses	4
SPED 200: Foundations of Physical Education	3
SPED 270: Introduction to Athletic Training	3
SPED 300: Teaching of Physical Education	3
SPED 310: Movement Education	3
SPED 325: Sports Skills	3
SPED 335: Dance and Gymnastics	3
SPED 400: Exercise Physiology	3
SPED 402: Biomechanics	3
SPED 545: Measurement and Evaluation of Physical Education	3
SPED 553: Organization and Administration of Physical Education	3
SPED 555: Fitness Assessment and Prescription	3
SPED 562: Physical Education for the Exceptional Child or SEDF 341: Educational Procedures for Exceptional Children	3
SHED 221: Lifelong Health and Wellness	3
SHED 434: The School Health Program	3

### Support Courses

Biology 232: Human Anatomy	4
Biology 270: Environmental Science, Chemistry 105: Chemistry and Society I, Chemistry 106: Chemistry and Society II, or Geology 103 Environmental Earth Science	3-4

<b>Electives</b>	<b>5-6</b>
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<b>Total hours required</b>	<b>127-129</b>
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<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.



**Bachelor of Science**  
**Major in Physical Education**  
**Corporate Fitness Concentration**  
**Student Worksheet**

**General Education Requirements**

**I. Communication**

English 101 and 102; or 146 <sup>1</sup>	6
Speech 201	3

**II. Mathematics**

Mathematics 120 (or higher)	3
Mathematics 201, Psychology 225, or Sociology 201 or Economics 291	3

**III. Arts and Humanities**

Art history, Music History and Literature 110 or theatre history	3
Philosophy	3
History 111	3

**IV. Social and Behavioral Sciences**

Government and International Studies 201	3
Psychology 101	3
Sociology 101 or Women's Studies 101	3

**V. Natural Sciences**

Biology 232	4
Physical science elective (chemistry or physics)	4

**VI. Foreign Culture**

English 275, 276, History 112; Religion 103; Government 420 or Women's Studies 420	3
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**VII. Computer Studies**

Computer Science 138	3
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**VIII. Senior Seminar**

SREC 485: Senior Seminar	1
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**Major Requirements**

SPED 200: Foundations of Physical Education or SREC 101: Introduction to Recreation	3
SPED 120: Conditioning	1
SPED 128: Aerobics	1
SPED 140: Adult Recreation Sports	1

SPED 180: Swimming or SPED 280: Swimming and Water Safety	1
SPED 265: Officiating	3
SPED 325: Sports Skills	3
SPED 335: Dance and Gymnastics	3
SPED 390: Field Experience	3
SPED 400: Exercise Physiology	3
SPED 402: Biomechanics	3
SPED 545: Measurement and Evaluation of Physical Education	3
SPED 555: Fitness Assessment and Prescription	3
SREC 201: Programming in Recreation	3
SREC 301: Administration of Recreation or SPED 553: Organization and Administration of Physical Education	3
SREC 401: Leisure and Aging	3
SREC 462: Special Populations	3
SREC 480: Internship	6

**Related Cognates**

**9**

Six semester hours must be from one area and among the following listed courses: Psychology 224: Experimental Psychology or higher; Business Administration 225: Financial Accounting; 226: Managerial Accounting; 290: Business Systems; or any upper division business course with consent of instructor; Science: any upper division biology course or any chemistry, geology, or physics course; Sociology: any upper division course

**Supporting Courses**

SBSN 201: Normal Nutrition	3
SPSY 302: Growth and Development	3
SPED 270: Introduction to Athletic Training	3
SHED 170: First Aid	3
SHED 221: Lifelong Health and Wellness	3
SHED 400: Wellness: Diagnosis and Prescription	3

**Electives**

**4**

**Total hours required**

**128**

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

# Bachelor of Science

## Major in Special Education: Learning Disabilities

### Student Worksheet

#### General Education Requirements

##### I. Communication

English 101 and 102; or 146 <sup>1</sup>	6
Speech 201	3

##### II. Mathematics

Mathematics 301	3
Mathematics 302	3

##### III. Arts and Humanities

Six hours selected from two different areas of art history, Music 110; theatre (161 or 162)	6
History 111 or History 112	3
Philosophy or comparative religion	3

##### IV. Social and Behavioral Sciences

Government and International Studies 201	3
Psychology 101 (prerequisite for concentration courses)	3
Geography 103, Anthropology 102	3
Sociology 101 or Women's Studies 101	

##### V. Natural Sciences

Biology 110	4
Physics or chemistry	4

##### VI. Foreign Culture

English 275 or 276;	3
Government 420 or Women's Studies 420	

##### VII. Computer Studies

Computer Science 138	3
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##### VIII. Senior Seminar: see *directed teaching*

#### Professional Education

SEDF 210: Foundations of Education	3
SEDF 333: Educational Development of the Lifelong Learner	3
SEDF 341: Educational Procedures for Exceptional Learners	3
SELD 410: Methods of Teaching Students with LD	3
SELD 412: Characteristics of Students with LD	3

SEDC 402: Resources in Teaching Students with Disabilities	1
SELD 414: Individualized Curriculum for Students with Disabilities	3
SELD 415: Reading Disorders and Reading Methods	3
SELD 440: Practicum in the Instruction of Students with Disabilities	3
SELD 445: Language Disorders and Language Arts Methods	3
SELD 446: Math Disabilities and Math Methods	3
SELD 449: Issues and Trends in Exceptionalities	3
SELD 483: Assessment of Students with Disabilities	3
SELD 486: Planning and Managing the Inclusive Classroom	3
SELD 470: Directed Teaching of Learners with Learning Disabilities	12

#### Concentration

Psychology (300 level or above)	12
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#### Supporting Courses

SEGL 484: Children's Literature or SEGL 485: Adolescent Literature	3
SHED 221: Lifelong Health and Wellness	3

**Total hours required 120**

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.



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*Mary Black School of Nursing*

The primary mission of the Mary Black School of Nursing, as part of the University of South Carolina Spartanburg, is to serve the citizens of Upstate South Carolina by providing education programs in nursing that are of the highest quality. In response to documented needs, programs are offered that lead to the Associate Degree in Technical Nursing and the Bachelor of Science in Nursing. All programs offered at Mary Black School of Nursing are designed for students who are diverse in background, age, race, ethnicity, educational experiences, and needs. The programs rest upon a foundation of partnerships with the community, including health care organizations and health care providers in Upstate South Carolina.

The faculty of Mary Black School of Nursing are committed to excellence in teaching, advising, and in providing experiential learning opportunities that empower students to become competent professionals who give high quality nursing care to diverse populations. The faculty provide leadership in addressing nursing educational needs and in promoting the health and welfare of the citizens of Upstate South Carolina through educational outreach, scholarship, and professional service.

Mary Black School of Nursing is named in honor of Mrs. Mary Black Phillips and the late Miss Rosa Black in appreciation for the generosity of the Black family for their role in securing funds for the building that houses the School of Nursing. The Associate Degree in Technical Nursing program began in 1967, with the beginning of the University. The Bachelor of Science in Nursing program began in 1977. Both programs have graduated over 2000 students and both programs are accredited with the National League for Nursing Accrediting Commission (NLNAC) and approved by the South Carolina State Board of Nursing. Inquiries can be made to NLNAC at the following address:

National League for Nursing Accrediting Commission  
61 Broadway  
New York, NY 10006  
1-800-669-1656

Admission to the University does NOT guarantee admission to programs at the School of Nursing. Mary Black School of Nursing has program specific admissions requirements. (See admission requirements under each program)

### ***Southern Council on Collegiate Education for Nursing (SCCEN) Core Performance Standards***

Mary Black School of Nursing requires all applicants and continuing students in all nursing programs to meet core performance standards as defined by the southern Council on Collegiate Education for Nursing (SCCEN). These core performance standards are defined as follows:

**Standard 1. Critical Thinking and Related Mental Abilities:** Must have critical thinking ability sufficient

for clinical judgment. Examples of necessary functional abilities associated with this standard include (not an all inclusive list): Has the ability to interpret, investigate, communicate, and comprehend complex situations; identify cause and effect relative to clinical situations; ability to make decisions and assess situations under varying degrees of stress; must be able to read and comprehend detailed charts, reports, journal articles, books, etc.; and capable of performing all arithmetic functions (addition, subtraction, multiplication, division, ratios, and simple algebraic equations).

**Standard 2. Communication and Interpersonal Abilities:** Must be able to read, write, speak and comprehend English with sufficient skill to communicate effectively verbally and non-verbally. Must have interpersonal abilities sufficient to interact with individuals, families, and groups from a variety of social, emotional, cultural, and intellectual backgrounds. Examples of necessary functional abilities associated with this standard include (not all inclusive): Has the ability to establish rapport with clients and their families, peers, agency personnel, and faculty; explain treatment procedures; initiate health teaching; and document and interpret nursing actions and client responses.

**Standard 3. Physical Activities:** Must have physical abilities sufficient to move from room to room and maneuver in small spaces with gross and fine motor abilities sufficient to provide safe and effective nursing care. Examples of necessary functional abilities associated with this standard include (not all inclusive): Able to move around a client's room, work spaces, treatment areas and administer CPR; calibrate and use equipment; position and transfer clients; capable of lifting up to 50 pounds independently; capable of pushing up to 200 pounds independently; capable of reaching 18 inches above head without the use of mechanical devices to elevate themselves; capable of sitting, standing, walking for extended periods of time; experience no limitations when bending, stooping, sitting, standing, walking (i.e., uses no mechanical devices to assist themselves which would impede the safety of a client); ability to move to and respond to an emergency situation in a timely manner; and able to document in a clear legible manner.

**Standard 4. Hearing:** Auditory ability sufficient to monitor and assess health needs. Examples of necessary functional abilities associated with this standard include (not all inclusive): Able to hear auscultatory sounds, monitor alarms, and emergency signals; able to hear soft whispers of clients and families, and able to tolerate loud noise for extended periods of time. Assistive devices must correct hearing to this degree and must be worn at all times during practicum.

**Standard 5. Visual:** Must have the visual ability sufficient for observation, assessment, and intervention necessary for nursing care. Examples of necessary functional abilities associated with this standard include (not all inclusive): Observe client responses, accurately read equipment, gauges, and monitors; vision correctable to 20/40, normal depth perception, and ability to distinguish colors; and ability to tolerate offensive visual situations.

**Standard 6. Smell:** Smelling ability sufficient to monitor and assess health needs. Examples of necessary

functional abilities associated with this standard include (not all inclusive): Having ability to differentiate between various types of smells and odors, and ability to tolerate offensive odors.

#### **Students with Disabilities**

Mary Black School of Nursing is committed to providing reasonable accommodations for students with disabilities. Students with disabilities are encouraged to contact the Office of Disability Services prior to or early in their program to determine if reasonable accommodations can be provided. Students with disabilities like all other students in the nursing programs, must be able to continually meet core performance standards and functional abilities established to ensure that all students meet the objectives of the nursing programs.

### ***Guidelines on the Prevention and Transmission of Communicable Diseases and the Prevention of Injury in the Work Place***

In order to assure the safety of the nursing students and their clients in the experiential learning setting and to meet the standards of the health care institutions in which experiential learning occurs, the following requirements must be met by all nursing students (ADN and BSN) before beginning nursing courses and annually thereafter:

1. Submit documentation of a complete physical examination by a physician or a nurse practitioner.
2. Submit proof of the following immunizations:
  - A. Tetanus Diphtheria Booster within the last 10 years.
  - B. Varicella Vaccine or positive titer
  - C. Rubella Vaccine or positive titer
  - D. Rubella Vaccine if born after 1956
  - E. Tuberculosis negative P.P.D. (2 step) or negative Chest X-Ray
  - F. Hepatitis B vaccine (series of three shots over 6 months) is highly recommended. If the student elects not to get Hepatitis B vaccine, a special waiver must be signed.
3. Attend a mandatory orientation required by the Occupational Safety and Health Administration (OSHA) on the following subjects:
  - A. Infection control, blood born pathogens and universal precautions
  - B. Fire, Electrical and Chemical Safety
  - C. Safe lifting and body mechanics

- D. Employee's right to be informed
4. Completes a cardiopulmonary resuscitation (CPR) class that is approved by the American Heart Association and includes one- and two-man adult CPR Infant/Child CPR.

Annual physical exams and immunizations are available for a fee at the University Student Health Center. The School of Nursing faculty will facilitate the mandatory OSHA orientation and CPR classes at the beginning of each semester. (There is a \$35 charge for the CPR class to cover the cost of materials).

Nursing students will care for patients whose HIV status is unknown. Therefore, it is essential that ALL nursing students and faculty use universal precautions when providing care to ALL patients.

Nursing students who believe themselves to be at risk for transmission of HIV/AIDS are urged to voluntarily inform the University Office of Disability Services, who will collaborate with the faculty to determine if modifications in clinical courses can be accommodated reasonably.

These guidelines are subject to change based on recommendation of the State Board of Nursing of South Carolina and the Center for Disease Control.

### ***Licensure – Registered Nurse***

Upon successful completion of the associate or baccalaureate nursing program, graduates will be eligible to apply for and take the National Council Licensure Examination (NCLEX-RN). Successful passage of this test is required before any state in the United States will consider granting licensure to practice nursing. In addition, states have the right to deny licensure to applicants who have been convicted of a crime, excluding minor traffic violations, or who have received counseling or disciplinary action because of alcohol, drugs, mental or physical impairments.

The application process for licensure examination varies depending upon the state in which the graduate chooses to be examined. All applicants who require special consideration because of their past history or require special modifications when taking the NCLEX-RN due to disabilities are advised to contact the state board of nursing in the state in which they wish to be licensed at least three months before graduation. Faculty will provide direct guidance through the application process during the last semester of each program.

## ***Associate in Science in Technical Nursing***

The USCS Associate in Science in Technical Nursing (ADN) program exists to (1) prepare the qualified student for the three roles basic to associate degree nursing practice: provider of care, manager of care, and member within the discipline of nursing; (2) prepare graduates who are eligible to write the National Council Licensure Examination for Registered Nurses (NCLEX-RN); (3) and provide an educational base for further study in nursing.

The ADN curriculum contains courses in general education (communication, humanities, natural sciences and behavioral sciences) as well as support courses and nursing courses. Students utilize knowledge acquired in nursing and non-nursing courses in providing direct care to patients of all ages in hospital and other health care settings. The ADN program is designed to be a five-semester program. (See Suggested Course Sequence.)

## Admission

Admission to the ADN program is based on criteria established by the Associate in Science in Technical Nursing Degree program faculty and is approved by the University of South Carolina Spartanburg faculty and administration.

The ADN Admission, Progression Committee reviews all applications and selects students for admission. Students are admitted to the program twice a year in August and January. Application information can be obtained from the School of Nursing office. The application deadline is Oct. 1 for spring admission and April 1 for fall admission. Applications will be accepted after this date until class is full. DUE TO THE LIMITED NUMBER OF SPACES AVAILABLE IN NURSING COURSES AND THE COMPETITIVE NATURE OF ADMISSION, NEITHER ADMISSION TO USCS NOR MEETING ADN ADMISSION REQUIREMENTS GUARANTEE ADMISSION TO THE ADN PROGRAM.

Students who meet the following requirements will be CONSIDERED FOR ADMISSION to the ADN program:

- Applicants must be admitted to USCS.
- Transcripts from all colleges previously attended must be on file in the USCS admissions office prior to admission to the University or consideration for admission to the ADN program.
- Students must have a minimum grade of C in each required non-nursing course (as listed in the Associate of Science in Technical Nursing curriculum) and a GPA of 2.0 or above on these courses.
- Other qualifications being equal, preference will be given to USCS students.
- Students who have completed a minimum of 12 hours of pre-nursing, general education and support courses will be given priority in admission. These 12 hours must include English 101 and Biology 232. These students must complete English 101 and Biology 232 in order to progress in the nursing sequence to SANU 101--Fundamentals of Nursing. Students must have a minimum grade of C in each required general education support course. GPA on nursing, general education and support courses will be used in determining admission. Grades in developmental courses will not be computed in the admission GPA. Applicants may have repeated only one required general education support course or nursing course only once, including transfer credits.
- Acceptance of students who are under age 22 without previous college work transferable for ADN program requirements will be based on SAT/ACT scores. These students must complete English 101 and Biology 232 to progress in the nursing sequence to SANU 101 - Fundamentals of Nursing. Students must have a minimum grade of C in each required support course.
- Acceptance of students who are 22 years or older without previous college work will be based on

Nelson Denny Reading Test scores of 75 or higher. These students must complete English 101 and Biology 232 in order to progress in the nursing sequence to SANU 101 - Fundamentals of Nursing. Students must have a minimum grade of C in each general education and required support course.

- Applicants must remove probationary admission status and/or academic probation. (Please refer to USCS Categories of Admission & Academic Standing Policy which appears earlier in Catalog).

## General Information

1. Students not receiving transfer credit for English 101 must take placement tests in this area. Math placement is not required.
2. Students who are not accepted must reapply for consideration for admission.
3. All committee decisions are subject to the appeals process.
4. An acceptable physical examination with evidence of immunizations must be submitted to the School of Nursing prior to beginning SANU 101 and 101P and annually (form available in the School of Nursing Office).
5. After the initial acceptable physical examination is submitted, students are required to have an annual exam while enrolled in the nursing program.

## Advanced Placement

Transfer students must provide course syllabi and catalogs from other schools/programs for evaluation of nursing courses.

Licensed practical nurses (LPNs) who have been admitted to the program may obtain credit for SANU 101 and 101P by providing a copy of current LPN license and passing a one-semester-credit-hour transition course, SANU 107. Students who fail SANU 107 must take SANU 101 and 101P.

## Readmission

Readmission to nursing courses, labs and practica is contingent upon available space and a GPA of 2.0 or above in nursing, general education and support courses. A student may repeat one required nursing course or one required support course one time only during the program. Students who have a 36-month or longer absence since successful completion of a nursing course must validate nursing knowledge to determine placement. Students who are out of the nursing progression sequence must:

1. See an adviser or program chair for guidelines.
2. Complete the re-application process. The admission criteria will apply for readmission.
3. Readmission will be dependent upon space availability in the class.



SANU 203P .....	1
SANU 204 .....	3
SANU 204P .....	1
SBIO 330/330L .....	4
<b>Semester total .....</b>	<b>16</b>

### **Fifth Semester**

SANU 202 .....	3
SANU 202P .....	3
SANU 205 .....	3
SANU 205P .....	1
SANU 206 .....	2
<b>Semester total .....</b>	<b>12</b>

### **Advisement**

Students seeking admission to the associate degree program and students enrolled in the program will be assigned a faculty advisor to assist in planning the academic program. However, it is the responsibility of each student to be knowledgeable about and to follow degree requirements published in the USCS catalog. Students must confer with their faculty advisor before registering for a course or withdrawing from a course or the program.

### **Academic Progression Requirements**

- Designated corequisite and prerequisite courses must be taken as specified in the USCS catalog. Non-nursing courses must be taken prior to, or concurrent with, the designated nursing courses.
- ADN students must:
  - earn a minimum grade of C (satisfactory) in each nursing course, nursing lab/practicum, and general education required support course;
  - repeat no more than one required nursing course or one required general education support course during the program; and
  - have a 2.0 GPA on required courses to take 200-level nursing courses.

### **Special Requirements**

- All students must either receive the Hepatitis B vaccine or sign a waiver.
- Nursing students who are in clinical practica must adhere to the dress code outlined in the student handbook.
- Students are responsible for their own transportation to and from the health care agencies and the USCS campus.
- Prior to attending clinical practica, students must complete mandatory annual requirements as designated by the clinical agencies.
- Students are required to have a yearly physical examination and verification of immunizations.

- Prior to the first nursing course, students must have current CPR provider status, which includes infant, child and adult. Students are required to maintain current CPR provider status and show proof of successful completion of this annual requirement.
- Students are required to take assessment tests, which are administered throughout the program.
- Additional fees are required for assessment tests, the application for graduation, application for the national Council Licensure Examination for Registered Nurses (NCLEX-RN).
- Students are encouraged to carry their own malpractice insurance, although the University has a policy that covers them while they are in the student role.
- Individual health insurance coverage is encouraged.
- The ability to electronically access information will be critical for success in the program. Students admitted to the program are encouraged to be competent at a basic level in technology utilization to include: keyboard and mouse operations and Internet browsing.

### **Graduation**

Students who receive an Associate Degree in Technical Nursing from USCS must satisfy all curriculum requirements, make application for graduation, and have a minimum cumulative GPA of 2.0.

**NOTE: To receive a degree, students must complete the last 18 semester hours of course credit at USCS or other campuses in the USC system.**



# *Bachelor of Science in Professional Nursing*

The professional program leading to the Bachelor of Science in Nursing degree offers two tracks of study: (1) the four-year track for students who wish to begin a career in professional nursing, and (2) the registered nurse completion track for graduates of associate degree and diploma programs in nursing.

The program of study is designed to provide students the opportunity to acquire knowledge and skill needed for effective professional nursing practice in a wide variety of settings, and to provide a broad educational foundation that serves as a basis for graduate study in nursing.

## ***Application for Admission***

An application for admission to the baccalaureate nursing program must be submitted by March 1 for fall semester admission; applications for a spring semester admission must be submitted by October 1. Students desiring to enter the four-year track normally apply for admission during the last semester of their sophomore year. Students desiring to enter the registered nurse completion track must apply by March 1 prior to the fall session they wish to begin nursing courses.

After receiving notice of acceptance to either the four-year track or the RN completion track, the applicant must submit the results of a physical examination. Satisfactory physical examination results are required prior to enrollment into the nursing program. Students will be accommodated according to the Americans with Disabilities Act guidelines for the Mary Black School of Nursing. The physical examination form may be obtained from the School of Nursing office and must be completed in its entirety.

## ***Admission Requirements***

- Applicants must be admitted as regular students to the University of South Carolina Spartanburg.
- A minimum grade of C must have been obtained in all required science and nursing courses.
- Applicants may have repeated only one required science or nursing course only once.
- Applicants to the four-year track must have completed all freshman and sophomore requirements prior to acceptance.
- Students are required to have completed all freshman and sophomore requirements prior to admission to the BSN program.
- Applicants with a previously earned baccalaureate degree or holding a RN license may request a Waiver of Admission Requirements.
- A personal interview may be required.

The program's Admission and Progression Committee reviews all applications and selects students. Admission is competitive and is based upon the applicant's cumulative academic record (GPA) and space available. When the number of applicants who meet minimum requirements exceeds the number of student spaces available, the best qualified applicants will be admitted.

The nursing profession is demanding, rigorous, and requires the passing of a national licensing examination. Therefore, students must demonstrate strong academic abilities.

Students with a cumulative GPA of less than 2.5, but meeting all other admission requirements, may be considered for possible admission to the program under BSN probationary status (see program continuation standards below for an explanation of BSN probation policy).

## ***Readmission Policy***

Students who interrupt the sequence of nursing courses and who wish to reenter the program are required to reapply to the Bachelor of Science in Nursing program by completing a new Bachelor of Science in Nursing application form. If readmitted, a student must submit a new School of Nursing physical examination form. Students who apply for readmission must meet all admission criteria for the Bachelor of Science in nursing program. Among those who must reapply are students who (1) voluntarily withdraw from the baccalaureate nursing program or from the University, (2) fail to meet nursing probation requirements, or (3) earn less than a C in nursing courses. Readmission may be denied based on limitations on enrollment for the courses needed.

## ***Auditing of Baccalaureate Nursing Courses***

The BSN Program follows the USCS guidelines regarding the auditing of non-nursing courses.

SNUR 301: Nutrition and SNUR 302: Pharmacology may be taken for audit credit. The USCS guidelines regarding the auditing of courses shall be followed.

SBSN 497 and SBSN 490 may be audited with the written permission of the faculty teaching the course and the dean, if the student is matriculated into the BSN program.

Students may not audit a nursing course with a co-requisite practicum.

Nursing practica may not be audited.

## ***Transfer of Credits***

Students wishing to transfer to the baccalaureate nursing program from other institutions will have their transcripts evaluated to determine whether or not their courses are comparable to USCS courses and applicable to the nursing program of study.

## ***Credit by Examination***

Some general education and supporting courses may be exempted by having successfully passed Advanced Placement (AP) tests in high school, College Level Examination Program (CLEP) tests, the Defense Activity for Nontraditional Education Support (DANTES) tests, or challenge examinations prepared at USCS (see the Credit by Examination section of this catalog). Registered nurse completion students must complete all credit by examination prior to the completion of SBSN 350.

**College Level Examination Program (CLEP) or, the Defense Activity for Nontraditional Education Support (DANTES)**

- Following general university policy, a combination of CLEP and/or DANTES examinations may be taken to obtain up to 30 hours of credit.
- Junior and senior level nursing courses cannot be validated by CLEP or DANTES.
- CLEP or DANTES examinations are not acceptable for physiology, anatomy, chemistry, or microbiology.
- Further information on CLEP or DANTES credit may be obtained from the Counseling and Career Development Center.

#### **Institutional Credit by Examination**

- Students may obtain credit for physiology, anatomy, microbiology, chemistry, and other courses by examination.
- Students admitted to the registered nurse completion track may obtain credit for SBSN 310 and 310L by successfully completing the validation examinations.
- Licensed practical nurses may obtain credit for SNUR 301 and 302, SBSN 311 and 311L by successfully completing the required validation examinations.

### **Advanced Placement**

Registered nurse completion track students may receive up to 33 semester credit hours in nursing based upon successful completion of an associate degree nursing program or a diploma nursing program, licensure as a registered nurse, and successful completion at USCS of SBSN 350.

### **Continuation Standards**

#### **Progression**

- Students who fail to maintain a cumulative GPA of 2.5 will be placed on BSN probation.
- Students who fail to achieve a GPA of 2.5 on each semester's work will be placed on BSN probation.
- Students on BSN probation must achieve a GPA of 2.5 on the next 12 or more nursing hours attempted to remove the probationary status. Failure to achieve the required GPA will result in removal from the program.
- Students who fail to take nursing courses in sequence will be removed from the program.
- Students who fail to achieve a minimum grade of C in each nursing course or practicum will be removed from the program. These students must reapply, and if allowed to return to the program, will be required to repeat that course before enrolling in any subsequent clinical nursing course and/or practicum.
- Students may repeat only one nursing course. That course may be repeated only once. Students who achieve an unacceptable grade in a nursing course a second time will be removed from the program and will not be readmitted.
- Students must meet the pharmacology/drug calculation policy as published in the clinical course syllabus.

- Students who fail to complete the required nursing courses within three years from initial entry into the BSN program will be removed from the program.

### **Special Requirements**

- Unless otherwise stated, students are required to wear the official baccalaureate uniform while in the clinical area.
- Students must provide their own transportation to and from the health agencies and the USCS campus.
- All students must attend clinical agency orientations and meet all agency annual requirements (e.g. fire, safety, hazardous materials, infection control, health forms).
- It is recommended that all students carry health insurance.
- Students are required to take assessment exams after selected nursing courses and at the completion of the program. Students pay the fees for these examinations.
- Proof of the following annual requirements must be submitted one week prior to the first day of class:
  - (1) A physical examination.
  - (2) Acquisition and maintenance of Basic Cardiac Life Support

Certification, American Heart Association, Provider Course C for health care professionals.

- It is required that all students either receive the Hepatitis B vaccine or sign a waiver.
- Students must adhere to all guidelines adopted by the Board of Nursing for South Carolina regarding prevention of HIV/HBV (AIDS/Hepatitis B) transmission.

### **Nursing Honor Society**

The Mu Rho Chapter of Sigma Theta Tau, the International Honor Society for Nursing, was chartered in March 1992. Membership is open to BSN students in the top 35 percent of the senior class with a minimum GPA of 3.0. This academic honor society strives to promote excellence and the advancement of nursing knowledge, research and leadership.

# Bachelor of Science in Professional Nursing Curriculum

## Student Worksheet

### General Education Requirements

- I. Communication
- \_\_\_\_\_ English 101 and 102; or 146<sup>1</sup> 6
- \_\_\_\_\_ Speech 201 3
- II. Mathematics
- \_\_\_\_\_ Mathematics 120 (or higher) 3
- \_\_\_\_\_ Mathematics 201 or Psychology 225 or Sociology 201 3
- III. Arts and Humanities
- \_\_\_\_\_ Fine arts 3
- \_\_\_\_\_ History 111 or 112 3
- \_\_\_\_\_ One course selected from the following (but not more than 3 hours in a single discipline in the fine arts): American literature; American studies; art; English literature, linguistics, or literary theory; history; literature in a foreign language; music; philosophy; religion; theatre; world literature.
- IV. Social and Behavioral Sciences
- \_\_\_\_\_ Government and International Studies 201 or American Studies 101 or 102 3
- \_\_\_\_\_ Psychology 101 3
- \_\_\_\_\_ Sociology 101 3
- V. Natural Science<sup>2</sup>
- \_\_\_\_\_ Chemistry 101 4
- \_\_\_\_\_ Chemistry 102 4
- VI. Foreign Culture 3-4
- \_\_\_\_\_ Anthropology 102; art; Economics 503; English 275, 276, 290, 322, 319, 423; Geography 121, 212, 340; Government and International Studies 310, 326, 327, 491; History 112, 334, 335, 340, 341, 343, 360, 361, 370, 371, 372, 391; or any foreign language course except 103; or Religion 103; Government/Women's Studies 420.
- VII. Computer Studies 3
- \_\_\_\_\_ This requirement may be fulfilled in one of the following three ways:
- ☐ Computer Science 138
- ☐ a computer science numbered 140 or above
- ☐ Engineering 101 and 102.
- VIII. Senior Seminar
- \_\_\_\_\_ SBSN 497: Professional Nursing Issues 3

<sup>1</sup>Six hours of credit are awarded with a minimum grade of C in English 146.

<sup>2</sup>Science and nursing courses require a C or better.

### Professional Nursing<sup>2</sup>

- \_\_\_\_\_ SBSN 350: Concepts of Professional Nursing<sup>3</sup> 3
- \_\_\_\_\_ SNUR 301: Nutrition\* 3
- \_\_\_\_\_ SNUR 302: Pharmacology\* 3
- \_\_\_\_\_ SBSN 310: Health Assessment 2
- \_\_\_\_\_ SBSN 310L: Health Assessment Practicum 1
- \_\_\_\_\_ SBSN 311: Basic Nursing Practice\* 4
- \_\_\_\_\_ SBSN 311L: Basic Nursing Practicum\* 4
- \_\_\_\_\_ SBSN 331: Nursing of Adults\* 4
- \_\_\_\_\_ SBSN 331L: Nursing of Adults Practicum\* 4
- \_\_\_\_\_ SBSN 341: Nursing of Childbearing and Childrearing Families\* 4
- \_\_\_\_\_ SBSN 341L: Nursing of Childbearing & Childrearing Families Practicum\* 4
- \_\_\_\_\_ SBSN 431: Complex Nursing Practice 3
- \_\_\_\_\_ SBSN 431L: Complex Nursing Practicum 4
- \_\_\_\_\_ SBSN 441: Psychiatric Community Mental Health Nursing\* 3
- \_\_\_\_\_ SBSN 441L: Psychiatric Community Mental Health Nursing Practicum\* 3
- \_\_\_\_\_ SBSN 451: Leadership in Nursing Practice 2
- \_\_\_\_\_ SBSN 451L: Leadership in Nursing Practicum 2
- \_\_\_\_\_ SBSN 461: Family and Community Health Nursing 3
- \_\_\_\_\_ SBSN 461L: Family and Community Health Nursing Practicum 4
- \_\_\_\_\_ SBSN 490: Nursing Research 3

### Supporting Courses

- \_\_\_\_\_ Psychology 302 3
- \_\_\_\_\_ Biology 232<sup>2</sup> 4
- \_\_\_\_\_ Biology 242<sup>2</sup> 4
- \_\_\_\_\_ Biology 330<sup>2</sup> 4

### Electives<sup>4</sup>

### Total hours required

**128**

<sup>3</sup>RN completion track students take SBSN 350.

<sup>4</sup>Electives are courses other than those specifically required in the professional nursing curriculum. Courses numbered 100 or below are not acceptable electives.

\*Advanced Placement credit for R.N. Completion Track students who meet the advanced placement requirement.

# Bachelor of Science in Nursing Suggested Course Sequence Outline

## Freshman Year

### Fall

English 101 .....	3
Biology 232 .....	4
Chemistry 101 .....	4
Mathematics 120 .....	3
<b>Semester total .....</b>	<b>14</b>

### Spring

English 102 .....	3
Sociology 101 .....	3
Biology 242 .....	4
Chemistry 102 .....	4
Computer Science 138 .....	3
<b>Semester total .....</b>	<b>17</b>

## Sophomore Year

### Fall

Biology 330 .....	4
Foreign Culture .....	3
History .....	3
Speech 201 .....	3
Psychology 101 .....	3
<b>Semester total .....</b>	<b>16</b>

### Spring

Psychology 302 .....	3
Government 201 or American Studies 101 or 102 .....	3
Fine Arts .....	3
Arts & Humanities .....	3
Psychology 225 or Sociology 201 or Mathematics 201 .....	3
<b>Semester total .....</b>	<b>15</b>

## Junior Year

### First semester

SNUR 301 .....	3
SNUR 302 .....	3
SBSN 310 .....	2
SBSN 310L .....	1
SBSN 311 .....	4
SBSN 311L .....	4
<b>Semester total .....</b>	<b>17</b>

### Second semester

SBSN 331 .....	4
SBSN 331L .....	4
SBSN 341 .....	4
SBSN 341L .....	4
<b>Semester total .....</b>	<b>16</b>

## Senior Year

### First semester

SBSN 431 .....	3
SBSN 431L .....	4
SBSN 451 .....	2
SBSN 451L .....	2
Elective .....	3
SBSN 490 .....	3
<b>Semester total .....</b>	<b>17</b>

### Second semester

SBSN 441 .....	3
SBSN 441L .....	3

SBSN 461 .....	3
SBSN 461L .....	4
SBSN 497 .....	3
<b>Semester total .....</b>	<b>16</b>
<b>Total hours required .....</b>	<b>128</b>

## ***Curriculum Option for Registered Nurses***

The registered nurse completion track is designed for graduates of associate degree and diploma programs in nursing. It is comprised of courses in nursing, sciences and liberal arts. Registered nurses, who have completed successfully the elective, general education, and supporting courses, and who have met the admission requirements, may complete the program in one calendar year of study as outlined in the course sequence. Students must begin the program of study in the fall semester to complete the one-year option. Didactic classes will be held one day per week via South Carolina Educational Television for one calendar year and students will be able to complete SBSN 431L, SBSN 451L and SBSN 461L practica at times convenient to them and their preceptors. Students desiring part-time study or completion of the program of study on campus will require a longer period of time to complete the program.

All policies related to the Bachelor of Science in Nursing four-year track program apply to the registered nurse completion track unless specifically identified as four-year track policies.

### ***Admission Requirements***

*See Admission Requirements in this section.*

### ***Advanced Placement***

*See Advanced Placement in this section.*

### ***Continuation Standards***

*See Continuation Standards in this section.*

### ***Academic Residency***

*RN-BSN completion track students are required to meet the USCS academic residency requirement. The last 25% (32 semester hours) of the curriculum must be courses offered through USCS.*

## **RN One-Year Option Course Sequence Outline**

### **Prerequisite Credit:**

General Education Support Course, Electives .....	65
Transfer Credit for Nursing Courses .....	33

### **Fall Semester**

SBSN 310 .....	2
SBSN 310L .....	1
SBSN 350 .....	3
SBSN 451 .....	2
SBSN 451L .....	2
<b>Semester total .....</b>	<b>10</b>

### **Spring Semester**

SBSN 431 .....	3
SBSN 431L .....	4
SBSN 490 .....	3
<b>Semester total .....</b>	<b>10</b>

### **Summer**

SBSN 461 .....	3
SBSN 461L .....	4
SBSN 497 .....	3
<b>Semester total .....</b>	<b>10</b>

<b>Total Hours Required .....</b>	<b>128</b>
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## *Course Descriptions*

## Descriptions

Descriptions of all courses offered for undergraduate credit are arranged alphabetically by academic discipline on the following pages. Not all courses are available every term. A schedule of classes is printed before the registration period for each term as an announcement of course offerings. Students are advised to consult these schedules prior to registration. The University reserves the right to withdraw any course on the grounds of insufficient enrollment.

## Course Numbering

USCS courses numbered from 001 to 599 may be taken for undergraduate credit. The following distinctions are made among course numbers:

**001-100** Developmental courses. Credit earned cannot be applied to degree programs.

**101-299** Lower division courses primarily for students with freshman and sophomore standing.

**300-499** Upper division courses primarily for students with junior and senior standing.

**400-599** Upper division courses primarily for students with senior standing.

With consent of the advisor, a student may take courses numbered above or below the level normally taken by their academic classification (freshman, sophomore, junior or senior).

## Course Credit

The credit value of each course is usually determined by the number of class meetings per week for one semester. Two or three laboratory hours (one period) are equivalent to one class meeting. The semester hour credit for each course is included in each course description.

## American Studies (SAMS)

**101. American Studies, 17th-19th Century (3)** A survey of the historical, political, social, economic and cultural forces that shaped American life from the early seventeenth to the late nineteenth century. *Fall*.

**102. American Studies, 20th Century (3)** A survey of the historical, political, social, economic and cultural forces that have shaped American life in the twentieth century. *Spring*.

## Anthropology (SANT)

**102. Understanding Other Cultures (3)** Introduction to the concepts, methods and data of socio-cultural anthropology and anthropological linguistics. *Fall, Spring, and Summer II*.

## Art Education (SAED)

**329. Art for Elementary and Middle Schools (3)** The teaching of art with major emphasis on integration within

content areas. Two lecture hours and one laboratory hour per week. *Fall, Spring, Summer*.

## Art History (SATH)

**101. Introduction to Art (3)** Formal, historical and iconographic analysis of architectural monuments, paintings and sculpture; aspects of various theories of art and architecture. *Fall, Spring*.

**105. History of Western Art: Prehistory-Middle Ages (3)** Survey of the visual arts from the Paleolithic times to the Medieval period, with emphasis on the major civilizations of Egypt, the Ancient Near East, Rome, Byzantium and Medieval Europe. *Fall, Spring*.

**106. History of Western Art: Renaissance-Present (3)** Survey of the visual arts in Western civilizations from the Renaissance to the present. *Fall, Spring*.

**205. History of American Art (3)** Colonial times to 1860.

**206. History of American Art - 1860/present (3)** 1860 to the present. *Spring*.

**210. African Art (3)** The art of African peoples or peoples of African descent. *Fall*.

**250. Art History Study Abroad (3-6)** Travel in selected regions outside the United States, and field study of historical and contemporary art and artists, with emphasis on art history. *Summer*.

**301. Women and Art: Prehistory-Middle Ages (3)** History of the image of women in ancient cultures from 30,000 B.C.E. to 1300 C.E. Prerequisites: SEGL 102 or consent of instructor. *Fall*.

**304. Southern Folk Art (3)** Techniques and traditions of Southern folk art concentrating on artists of South Carolina. Prerequisite: SEGL 102. *Once a year*.

**306. History of Twentieth Century Art (3)** Survey of western architecture, painting and sculpture. Emphasis is on reading, research and written material. Prerequisites: SATH 106 or SATH 206.

**307. Interpreting Art (3)** A systematic approach to analytical viewing, discussing and writing about art in order to derive pleasure, meaning and value. Popular, utilitarian and historical works of art will be critiqued. Prerequisite: SEGL or consent of instructor. *Fall '00, Spring '01*.

**350. Art History Study Abroad II (3-6)** Travel in selected regions outside the United States, and advanced field study of historical and contemporary art and artists, with emphasis on art history. Prerequisite: 6 credit hours of art or consent of the instructor. *Summer*.

**398. Selected Topics in Art History (3)** Intensive study of selected topics in art history.

**399. Independent Study (3)** Design and development of research projects of a complex and extensive nature. A student may repeat SATH 399 with a different independent study contract description for a total of no more than six hour of undergraduate credit. Prerequisites: Junior level standing and consent of the instructor.

**499. Art History Internship (3-6)** Supervised work experience in an art history related environment, resulting in a meaningful project/activity for the employing form and a scholarly project for the student. For three internship credit hours, a minimum of 135 hours of scheduled work, periodic class meetings and consultation with the instructor are required. A contractual agreement signed by the employer, the student, the instructor, the dean of the college is mandatory. Standard grading. A student may repeat SATH 499 with a different internship description for a total of no more than six hour of undergraduate credit. Prerequisites: Junior level standing with 6 hours in art history or consent of the instructor. *Fall, Spring, Summer*

## **Art Studio (SART)**

**103. Fundamentals of Two Dimensional Design (3)** Introduction to visual thinking and principles of two-dimensional design, including line, form, space, texture, color and basic technical skills.

**104. Fundamentals of Three Dimensional Design (3)** Introduction to visual thinking and principles of three-dimensional design, including form, volume and space.

**108. Computer Graphics I (3)** Introduction to the hardware and software used in creating graphic design and illustration. Prerequisite or corequisite: SART 103.

**110. Drawing I (3)** Introduction to the materials and techniques of drawing, emphasizing visual perception and drawing skills.

**202. Ceramics I (3)** Process of forming, decorating, glazing and firing. Prerequisite: SART 104 or consent of instructor

**203. Color and Composition (3)** Color theory and compositional systems. Prerequisite: SART 103.

**204. Three Dimensional Studies II (3)** Materials and techniques of three dimensional design and sculpture beyond the introductory level. Prerequisite: SART 104.

**205. Digital Art I (3)** A technical approach to creating raster images using computer graphics. Projects emphasize illustration and two-dimensional design. Prerequisites: SART 103 or consent of instructor.

**206. Illustration I (3)** Introduction to illustration with an emphasis on visual problem solving, creativity, effective communication and aesthetics. Visual skills are defined through exploration of various media resulting in appropriate visual solutions for illustration communication. Prerequisite: SART 214 or consent of instructor.

**207. Printmaking I (3)** Processes and techniques of printmaking. Prerequisite: SART 103 or consent of instructor.

**210. Drawing II (3)** Materials and techniques of drawing beyond the introductory level. Prerequisite: SART 110 or consent of instructor.

**211. Introduction to Painting (3)** An introduction to the materials and techniques of painting, emphasizing a professional approach to content and expression. Prerequisite: SART 103 or consent of instructor.

**214. Graphic Design I (3)** Creative problem-solving with emphasis on 2-D solutions to conceptual problems; translation of concept into form using word, image and layout; introduction to history of graphic design and typography. Prerequisites: SART 103, SART 108, Prerequisite or corequisite: SART 110 or consent of the instructor.

**215. Introduction to Metalsmithing (3)** Design and construction of objects in various metals and materials. Prerequisite: SART 104 or consent of instructor.

**228. Business for the Visual Artist (3)** Aspects of business relevant to the visual artist, emphasizing basic accounting and taxes; marketing and promotion; copyrights; sales by artist, gallery, or agent; and contracts. Feedback is received through class discussions and exercises, written examinations, and a final team project. Prerequisites: 6 hours of art history and/or art studio or consent of instructor.

**229. Introduction to Crafts (3)** Traditional craft media: techniques, design and contemporary concepts.

**231. Introduction to Life Drawing (3)** Emphasis on visual perception and skills of life drawing from the live model in a variety of media, using both clothed and unclothed male and female models. Prerequisite: SART 210 or consent of instructor.

**249. Introduction to Fiber Arts (3)** Concepts and techniques in weaving, spinning, felting, warping, and latch hooking. Prerequisite: SART 104 or consent of instructor.

**250. Art Study Abroad (3-6)** Travel in selected regions outside the United States, and field study of historical and contemporary art and artists with emphasis on studio techniques. *Summer*

**255. Art Practicum (1)** Participation in art production and activities, including art gallery and art exhibition preparation and maintenance, exhibition publicity and



announcement design and distribution, studio and equipment preparation maintenance and monitoring, art information services including art department and art gallery website design and maintenance. No formal class meetings. Requires 30 contact hours per semester. May be repeated for a total of four credits.

**261. Introduction to Photography (3)** Techniques and procedures of photography, including processing. Prerequisite: SART 103 or consent of instructor.

**302. Ceramics II (3)** Ceramic processes and techniques and technical investigation in clay bodies and glazes with emphasis on the wheel throwing technique. Prerequisite: SART 202 or consent of instructor.

**304. Three Dimensional Studies III (3)** Exploration and application of three-dimensional principles in different sculptural media. Prerequisite: SART 204.

**305. Digital Art II (3)** Utilization of advanced scanning and animation software for the creation of raster images. Projects emphasize graphic design and illustration. Prerequisite: SART 205.

**306. Illustration II (3)** Continued exploration of visual communication with an emphasis on concept and professional quality of work. Prerequisite: SART 206 or consent of instructor.

**307. Printmaking II (3)** Intaglio, lithography, block printing, and the execution of original works in these media. Prerequisite: SART 207.

**310. Drawing III (3)** Methods and materials of graphic representation and expression with emphasis on individual creative expression. Prerequisite: SART 210.

**311, 312. Painting II & III (3,3)** Individual problems in representational and non-representational painting with emphasis upon the development of an individual point of view. Prerequisite for 311: SART 211 or consent of instructor. Prerequisite for 312: SART 311.

**314. Graphic Design II (3)** Continuation of translation of concept into form with emphasis on typography, letterforms, and typographic, syntax and type specification. Prerequisite: SART 214 or consent of instructor.

**315. Graphic Design III (3)** Advanced design problems with emphasis on individual development and exploration of contemporary design issues. Prerequisite: SART 314.

**318. Interface Design I (3)** Introduction to technical and aesthetic concepts and problem solving of interface design including but not limited to web design, CD Rom design, collection and preparation for basic assets (graphics, video, sound). Prerequisite: SART 214 or consent of instructor.

**349. Intermediate Fiber Arts (3)** Concepts and techniques in surface design, batik, dyeing, caning and screen printing. Prerequisite: SART 249 or consent of instructor.

**350. Art Study Abroad II (3-6)** Travel in selected regions outside the United States, and advanced field study of historical and contemporary art and artists, with emphasis on studio techniques. Prerequisite: 6 credit hours of art or consent of the instructor. *Summer.*

**361. Photography II (3)** Technical, historical and aesthetic aspects of photography. Projects allow the development of personal imagery and technique. Prerequisite: SART 261.

**362. Photography III (3)** An historical and critical approach to photography. Several major projects utilize traditional or alternative techniques. Prerequisites: SART 361.

**391. Digital Animation (3)** Digital animation for the graphic design and communications industries. Prerequisite: SART 318.

**398. Special Topics in Art (3)** Intensive study of selected topics in art. Prerequisites: junior level standing with 6 hours in art or consent of the instructor.

**399. Independent Study (1-6)** Opportunities to design and develop projects of a complex and extensive nature in keeping with the student's major creative interests. A student may repeat SART 399 with a different independent study contract description for a total of no more than six hours of undergraduate credit. Prerequisite: Junior level standing and consent of instructor.

**402. Ceramics III (3)** Advanced ceramic processes and techniques and technical investigation in clay bodies and glazes with emphasis on the wheel throwing technique. Prerequisite: SART 302.

**404. Three Dimensional Studies IV (3)** Advanced exploration and application of three dimensional principles in different sculptural media. Prerequisite: SART 304.

**407. Printmaking III (3)** Intaglio, lithography, block printing, and the advanced execution of original works in these media. Prerequisite: SART 307.

**410. Drawing IV (3)** Advanced methods and materials of graphic representation and expression with emphasis on individual creative expression. Prerequisite: SART 310.

**411, 412. Painting IV & V (3,3)** The development of professional painting skills through individual creative expression. Prerequisite for 411: SART 312. Prerequisite for 412: SART 411.

**414. Graphic Design IV (3)** Graphic problem solving in the community/business environment; advanced production techniques for the graphic designer. Prerequisite: SART 315.

**418. Interface Design II (3)** Intermediate interface design with emphasis on individual development and exploration of contemporary technical and aesthetic design issues including but not limited to web design, CD Rom design, collection and preparation of basic assets (graphics, video, sound). Prerequisite: SART 318 or consent of instructor.

**421. Ceramics IV (3)** Applications of ceramic techniques to create works of art. Prerequisite: 402.

**422. Ceramics V (3)** Advanced applications of ceramic techniques to create works of art. Prerequisite: SART 421.

**471. Printmaking IV (3)** Processes and materials of making fine prints. Prerequisite: SART 407.

**472. Printmaking V (3)** Advanced processes and materials for making fine prints. Prerequisite: SART 471.

**481. Three Dimensional Studies V (3)** Creative application of processes and materials of sculpture. Prerequisite: SART 404.

**482. Three Dimensional Studies VI (3)** Advanced creative application of processes and materials of sculpture. Prerequisite: SART 481.

**489. Senior Portfolio Development (3)** Revision and finalization of projects, thesis, portfolio/vita preparation. Prerequisites: SART 315; Corequisite: SART 414.

**490. Senior Seminar Graphic Design (3)** Preparation of thesis, senior exhibition, portfolio finalization, oral presentation, and explorations of ethical issues. Prerequisite: SART 489.

**499. Art Studio Internship (3-6)** Supervised work experience in an art environment, resulting in a meaningful project/activity for the employing firm and a scholarly project for the student. For three internship credit hours, a minimum of 135 hours of scheduled work, periodic class meetings and consultation with the instructor are required. A contractual agreement signed by the employer, the student, the instructor, the dean of the college is mandatory. Standard grading. A student may repeat SART 499 with a different internship description for a total of no more than six hours of undergraduate credit. Prerequisites: Junior level standing with 6 hours in art or consent of the instructor.

**507. Problems in Art: Studio (3)** Exploration of problems unique to certain media or processes. Prerequisite: consent of instructor or division chair.

## **Astronomy (SAST)**

**111. Descriptive Astronomy (3)** The universe: physical processes and methods of study. (SAST 111L is available for additional credit.) *Fall, Spring.*

**111L. Descriptive Astronomy Laboratory (1)** Demonstrations, exercises and night viewings. Three hours per

week. *Prerequisite or Corequisite: SAST 111. Fall, Spring.*

## **Biology (SBIO)**

**101. Biological Science I (4)** Biological principles underlying cell chemistry, cell biology, classification, plant diversity, plant anatomy, and physiology. Designed for science majors. Three class and three laboratory hours per week. *Fall, Spring.*

**102. Biological Science II (4)** Biological principles underlying cell origins, genetics, diversity of monera, protista, and animals; mammalian anatomy and physiology. Prerequisite: SBIO 101. Designed for science majors. Three class and three laboratory hours per week. *Fall, Spring.*

**110. General Biology (4)** Current principles of cell biology, biochemistry, genetics, reproduction, development, and plant and animal diversity, as well as societal concerns. Not for major credit. Three class and three laboratory hours per week. *Fall, Spring, Summer.*

**232. Human Anatomy (4)** Gross and microscopic structure of the systems of the human body including essential technical terminology. Three class and three laboratory hours per week. *Fall, Spring, Summer.*

**240. Human Biology and Society (3)** Fundamentals of functional human biology; development of a relevant knowledge of medical issues and concerns in contemporary society such as cloning emerging diseases, genetic testing, cancer, emphysema, organ transplants and cardiovascular disease. Not for major credit. *Fall, Spring.*

**242. Human Physiology (4)** Functions of systems of the body emphasizing homeostasis, biochemistry and control mechanisms. Three class and three laboratory hours per week. Prerequisite: SBIO 232 or consent of instructor. *Fall, Spring, Summer.*

**270. Environmental Science (3)** The interrelationship of humans and their environment emphasizing the impact of pollution on human health. Not for major credit. (SBIO 270L is available for additional credit.) *Fall, Spring, Summer.*

**270L. Environmental Science Laboratory (1)** Laboratory procedures used to monitor air and water quality. Prerequisite or Corequisite: SBIO 270.

**310. Invertebrate Zoology (4)** Phylogenetic and comparative aspects of anatomy, physiology, ecology, reproduction and embryology of the invertebrates. Three class and three laboratory hours per week. Prerequisites: SBIO 101 and 102 or consent of instructor. *Fall.*

**315. Comparative Vertebrate Anatomy (4)** Phylogenetic and comparative aspects of structure, development, and evolution. Three class and three laboratory hours per week. Prerequisites: SBIO 101 and 102 or consent of instructor. *Spring.*

**320. General Botany (4)** Phylogenetic survey of the morphology, anatomy, and taxonomy of the major plant divisions. Three lecture and three laboratory hours per week. Prerequisites: SBIO 101 and 102 or consent of instructor. *Fall of Odd Years.*

**330. Microbiology (4)** Introduction to bacteria and viruses, emphasizing morphology, pathogenic microbes, antigen-antibody relationships, and antimicrobial agents in chemotherapy. Three class and three laboratory hours per week. Prerequisites: eight hours of biological science or consent of instructor. *Fall, Spring, Summer.*

**340. Cell Biology (4)** Morphology, ultrastructure and biochemistry of living cells; processes of bioenergetics, metabolism, reproduction and differentiation. Three class and three laboratory hours per week. Prerequisites: eight hours of biological science and eight hours of chemistry. *Spring.*

**350. Genetics (4)** Basic principles of transmission, molecular and population genetics. Three class and three laboratory hours per week. Prerequisites: SBIO 101 and 102 or consent of instructor. *Fall.*

**370. Pathophysiology (3)** Disruptions of normal physiology, processes that bring about disruptions, and manifestations of disruptions. Prerequisites: SBIO 232, 242 and 330 or consent of instructor.

**380. Plant Geography (4)** The distribution of plant species and the ecological, biological and geographic phenomena controlling such patterning. Labs consist of a series of weekend field trips. Prerequisites: SBIO 101 and 102 or consent of instructor. *Fall of Even Years.*

**395. Internship in Biological Science (1-3)** Supervised work experience in biological science. A minimum of three hours work per week is required for each credit hour. A contractual agreement signed by the supervisor, the student, the instructor, and the division chair is required. Prerequisite: junior or senior standing. Pass/fail credit.

**398. Topics in Biology (1-3)** Intensive study in selected areas. Individual topics are announced. Prerequisite: consent of instructor.

**399. Independent Study (1-3)** Directed research project. Prerequisite: consent of instructor. Not for major credit.

**507. Developmental Biology (4)** Morphogenetic patterns of embryonic development along with their molecular and cellular bases; and mechanisms of differentiation. Three class and three laboratory hours per week. Prerequisites: SBIO 101 and 102 or consent of instructor. *Spring of Even Years..*

**525. Plant Taxonomy (4)** The major classes of flowering plants found in South Carolina. Emphasis is placed on economic and horticultural uses. Three class and three

laboratory hours per week. Prerequisites: SBIO 101 and 102 or consent of instructor. *Spring of Even Years..*

**530. Histology (4)** The microscopic anatomy of human cells, tissues and organs. Three class and three laboratory hours per week. Prerequisites: two semesters of biological science and two semesters of chemistry.

**531. Parasitology (4)** Parasites of animals, with emphasis on the immunological, clinical and epidemiological aspects of human parasitism. Three class and three laboratory hours per week. Prerequisites: two semesters of biological science and two semesters of chemistry.

**534. Animal Behavior (4)** Identification and classification of behavior patterns exhibited by various species of animals; the development of behavior; proximate and ultimate causes of behavior. Three hours class and three hours laboratory per week. Prerequisites: six credits in basic psychology, or SPSY 101 and SBIO 102. *Spring of Odd Years.*

**535. Neurobiology (4)** Introduction to neuroanatomical-functional relationships. Topics include the anatomical organization of major nuclei and tracts, neurochemical mechanisms, and neural integration of behavior. Three class and three laboratory hours/week. Prerequisites: SBIO 101 & 102 or consent of instructor.

**540. Immunology (4)** Introduction to the molecular and cellular basis of the immune response. Topics include anatomy of the lymphoid system, and innate immune response, lymphocyte biology, antigen-antibody interactions, humoral and cellular effector mechanisms; control of immune responses, and the evolution of immunodefense mechanisms. Prerequisites: SBIO 102 and SCHM 112; and Pre- or Corequisite: SBIO 330 or 340; or consent of instructor. Three class and three laboratory hours per week. *Spring of odd years.*

**541, 542. Biochemistry (3,3) (=SCHM 581, 582)** Chemistry and functions of major biological compounds, including primary metabolic pathways and control mechanisms for biosynthesis and degradation. Prerequisite: SCHM 332 or consent of instructor.

**543L. Biochemistry Laboratory (1) (=SCHM 583L)** A survey of laboratory methods in biochemistry. Three laboratory hours per week. Prerequisite or corequisite: SCHM 581 or 582.

**570. Principles of Ecology (4)** Interactions of organisms and the environment; ecosystems structure and functions. Three class and three laboratory hours per week. Prerequisite: SBIO 102. *Fall.*

**599. Senior Seminar (3)** Integration of biological knowledge at an advanced level and exploration of ethical issues. Prerequisites: 20 hours of biology, including 12 hours at the 200 level or above. *Fall, Spring.*

## Business Administration (SBAD)

**225. Financial Accounting (3)** Principles of external financial reporting for business entities, including income measurement and determination of financial position. Prerequisites: SMTH 120 or 121 or 126. *Fall, Spring, Summer.*

**226. Managerial Accounting (3)** Attention-directing and problem solving functions of accounting in relation to planning and control, evaluation of performance, and special decisions. Prerequisite: SBAD 225. *Fall, Spring, Summer.*

**290. Introduction to Business Information Systems (3)** Fundamental information systems concepts and overview of information technology. Topics include: computer hardware, information systems software, telecommunications, Networks database and spreadsheet applications, business applications, and the Internet, Electronic commerce, and the World Wide Web. Prerequisites: SCSC 138 or 141. *Fall, Spring, Summer.*

**298. Gateways to Business (3)** Nature of business and business skills required for success in the twenty-first century. Business environments in the Upstate are discussed in relation to individual career goals.

*Note: Junior standing (60 semester hours earned) is a prerequisite for all 300 level or above business administration and economics courses. Additional prerequisites are included in individual course descriptions.*

**331. Intermediate Accounting I (3)** Financial accounting theory and practice as they relate to generally accepted accounting principles. Included are external financial reports with emphasis on the balance sheet and the income statement. Prerequisite: SBAD 226. *Fall, Spring.*

**332. Intermediate Accounting II (3)** Liability section of the balance sheet relative to generally accepted accounting principles. Included are preparation and analysis of the statement of cash flow, issues of income determination, interperiod tax allocation, and special issues such as pensions and leases. Prerequisite: SBAD 331 with a minimum grade of C. *Fall, Spring.*

**333. Cost Accounting (3)** Cost accounting for production management. Cost systems for internal control, standard cost, inventory planning and control, capital budgeting; relationship between cost accounting and other quantitative areas; and other current cost topics are included. Prerequisite: SBAD 226. *Spring.*

**335. Individual Tax Planning (3)** Federal income tax law as it relates to planning individual transactions to minimize income taxes. Includes preparation of individual tax returns. Prerequisite: SBAD 226. *Fall.*

**336. Fund Accounting (3)** Principles and procedures of accounting for the various funds of governmental and institutional organizations and budgetary accounting for

planning and controlling revenues and expenditures. Prerequisite: SBAD 225.

**347. Legal Environment of Business (3)** Legal system; crimes and torts; consumer law, anti-trust, labor and employment law; environment and insurance; contracts and agency; business ethics; and international matters. *Fall, Spring, Summer.*

**348. Issues in Commercial Law (3)** Corporations, bankruptcy, and the Uniform Commercial Code. Prerequisite: SBAD 347.

**350. Principles of Marketing (3)** Exchange relationships between buyers and sellers in a dynamic global marketplace. Focus areas include: environmental analysis, marketing research, buyer behavior, marketing strategy, business ethics, and the societal impacts of marketing activity of integrated marketing organizations. *Fall, Spring, Summer.*

**351. Consumer Behavior (3)** Consumer decision-making processes in a dynamic global marketplace. Selected concepts from psychology, sociology, economics, anthropology, and other behavioral disciplines are examined to develop a managerial perspective on predicting and interpreting consumer responses to marketing strategies. Prerequisite: SBAD 350. *Fall.*

**352. Marketing Communications (3)** Selection and implementation of promotional strategies in a dynamic global marketplace. Focus areas include: integrated marketing communication processes, psychological, sociological and cultural factors influencing promotion decision making. Prerequisite: SBAD 350. *Fall.*

**353. Marketing Channels (3)** Integration of business objectives with specific institutional characteristics to demonstrate marketing channel management as fundamental to success of the business enterprise. Research and the use of models in selected areas of channel management are emphasized. Prerequisite: SBAD 350.

**363. Business Finance (3)** Procurement and management of wealth by privately owned profit-seeking enterprises. Prerequisites: SBAD 225 and SECO 291. *Fall, Spring, Summer.*

**364. Financial Institutions and Markets (3)** Financial institutions and money and capital markets with consideration of their roles in the intermediation process. Emphasis is on the goals of these institutions and how they accomplish these goals within regulatory and tax constraints in highly competitive markets. Prerequisite: junior standing.

**365. Principles of Investments (3)** The conceptual and analytical framework for formulating investment policies. An overview of the traditional securities markets for stocks, bonds, options, and non-traditional investment such as financial futures, commodities, and international markets is emphasized. Prerequisite: junior standing. *Fall.*

**366. Principles of Real Estate (3)** Principles of property utilization, the law dealing with ownership, titles and liens; determinants of value; the real estate cycle; regulatory legislation; current problems in urban and suburban land use; city structure and planning.

**369. Personal Finance (3)** Life insurance, health insurance, wills, trusts, social security, stocks, bonds, real estate, mutual funds, and other uses of funds. *Summer.*

**371. Organizational Management and Behavior (3)** Survey of functions of management and forms of organizational behavior demonstrated in all types of organizations, with a focus on quality, competitiveness and the global environment, and a heavy emphasis on managing workforce diversity. *Fall, Spring, Summer.*

**372. Operations Management (3)** Managing the direct resources required to provide an organization's goods and services. There is a strong emphasis on quantitative decision making tools and techniques. Topics include process selection, quality tools, and inventory. Prerequisite: SECO 291 and SMTH 121 or equivalent.

**374. Management of Human Resources (3)** A line and staff function utilizing modern-day concepts and practices. Topics include: employment, training, employee services, compensation, industrial relations, and legal constraints. *Spring.*

**377. Working in Teams (3)** Participation in and leadership of collaborative work groups. Concepts, skills and techniques needed to make work groups function effectively are included. Prerequisite: junior standing.

**378. The International Business Enterprise (3)** The multinational firm: its development, organization, management, differentiation from domestically oriented firms, and its future. Prerequisite: SBAD 371. A foreign language course is strongly recommended.

**390. Business Information Systems (3)** Development, use, and management of business information systems. Topics include: information systems for business operations; management information and decision support systems; information systems development; enterprise and global management of information technology; and the security and ethical challenges of information technology. Prerequisite: SBAD 290 or SCSC 241 or SIMS 201. *Fall, Spring.*

**398. Topics in Business (3)** Intensive study in a contemporary area of business. Topics are selected to meet current faculty and student interest. Prerequisite: Junior standing.

**399. Independent Study (1-6)**

**420. Strategic Issues in the Management of Technology (3)** Explores the technology-strategic management interface. Emphasis will be placed on the integration of

technological and business strategies, new project development, and managing technological change in global firms and markets. Prerequisite: senior standing.

**432. Advanced Federal Income Tax (3)** Estates and trusts, partnerships, corporations, foreign income, gift, and social security taxes. Prerequisite: SBAD 335. *Spring.*

**433. Accounting Control Systems (3)** Skills, tools and procedures needed to evaluate EDP controls. Program, system and business level controls are presented to show how the accounting, ethical and legal considerations should be integrated into the design of business accounting and auditing systems. Prerequisites: (SBAD 331 or SBAD 333) and (SBAD 290 or SIMS 201). *Fall.*

**435. Auditing (3)** Effectiveness of internal control systems, ethics, legal liability, the auditing of information processing systems, the audit application of statistical sampling, and the reporting function of the independent auditor are examined. Prerequisites: SECO 292, SBAD 332; Prerequisite or Corequisite: SBAD 433.

**437. Advanced Accounting (3)** Business combinations and consolidated financial statements. Included are examinations of partnerships, segment reporting, international operations, and not-for-profit matters. Prerequisite: SBAD 332. *Fall.*

**452. International Marketing (3)** Selection of markets and the development of marketing strategy in a dynamic global marketplace. The influences of different demographic, political, legal, cultural, competitive economic, technological, and natural environments are highlighted in order to conduct business across political borders. Prerequisite: SBAD 350. *Spring, Summer.*

**456. Business Marketing (3)** Industrial, governmental, and non-for-profit sector markets as distinguished from personal household consumption. The methods used by marketers to create marketing strategies throughout an integrated supply-chain in a dynamic global marketplace. Prerequisite: SBAD 350. *Spring, Summer.*

**457. Marketing Research (3)** Research methods and procedures used in the marketing process. Particular emphasis is given to the sources of market data, sampling, preparation of questionnaires, collection and interpretation of data and the relation of market research to the policies and functions of the business enterprise. Emphasis is placed upon differences in life-style, beliefs and attitudes, and their influences upon the marketing decisions of the firm. Prerequisites: SBAD 350 and SECO 291 or equivalent. *Fall.*

**458. Marketing Management (3)** Strategic marketing decision-making in integrated organizations competing in the dynamic global marketplace. Focus areas include: the policy areas of an organization, marketing research, marketing strategy, buyer behavior, forecasting, cost and profit analysis, and total quality management. Prerequisite: Senior standing and SBAD 350. *Spring.*

**459. Personal Selling and Sales Management (3)** Development of personal selling skills and management of sales function. Focus areas include: preparation, prospecting, interviewing, trial closes, handling objections, closing after-sales support, recruitment, selection, motivation, training, and development, compensation, supervision, and other managerial topics. Prerequisite: SBAD 350. *Summer.*

**467. Real Estate Finance (3)** Instruments utilized in the financing of real property, including mortgages, junior liens, land contracts, long-term leasing and sale, and leaseback arrangements. Included are sources of funds for real estate financing as well as programs of agencies of the U.S. Government.

**468. Real Estate Appraisal and Investment Management (3)** Relationship between valuations and market prices; local real estate taxes as a charge against income-producing property; value from an income point of view; valuation of leaseholds; problems in eminent domain; principles of investment as they apply to real estate and the management of real estate portfolios.

**471. New Business Enterprise (3)** Analysis of business opportunities; planning and establishing a business organization to exploit an opportunity; management of a small business. Prerequisite: SBAD 371.

**474. Advanced Operations Management I (3)** Theory and applications of contemporary methods of managing operations. Topics include supply chain management, forecasting, master planning. Prerequisite: SBAD 372.

**475. Advanced Operations Management II (3)** Theory and applications of contemporary methods of managing operations. Topics focus on competitive strategies. Prerequisite: SBAD 372.

**476. Statistical Process Control (3)** Basic statistical process control and process capability improvement procedures in the framework of the Deming management philosophy. Prerequisite: SECO 292 or equivalent.

**477. Advanced Organizational Behavior (3)** Exploration of advanced concepts in the study of organizational processes and structure. Prerequisite: SBAD 371. *Spring.*

**478. Business Policy (3)** Multifunctional approach to the study of organizational problems and opportunities. Knowledge gained in previous courses is applied to the functions of an organization through use of strategies, objectives, policies, technology, environment, systems, ethics, and decision making. Requirements include individual research accompanied by written and oral presentations. Prerequisites: Senior standing and all SBAD and SECO core courses. *Fall, Spring, Summer.*

**499. Business Internship (3-6)** Supervised work experience in the business environment resulting in a meaningful product for the employing firm and a scholarly project for the student. A minimum of nine hours per week of scheduled work, periodic class meetings, and individual consultation with the instructor is required. A contractual agreement signed by the employer, the student, the instructor, and the dean is mandatory. Prerequisite: A student must have earned a minimum of 36 credit hours in business and economics courses and have an overall GPA of 2.5 or higher or a 2.5 GPA on twelve or more hours for the previous semester. *Pass/fail credit.*

**561. International Business Finance (3)** Financial management of a multinational business enterprise. Topics include subsidiary working capital management, financial analysis of overseas ventures, sources of international capital, funds remittance policies, trade finance, exchange risk management policies, and techniques of financial control. Prerequisite: SBAD 363. *Spring.*

## Chemistry (SCHM)

*Note: Occupational Safety and Health Administration (OSHA) regulations require that no contact lens be worn in chemistry laboratories and that everyone who enters wear safety goggles.*

**101. Fundamental Chemistry I (4)** Survey of inorganic and solution chemistry. Non-science majors only. Three class, one recitation, and two laboratory hours per week. *Fall, Spring.*

**102. Fundamental Chemistry II (4)** Survey of organic and biochemistry. Non-science majors only. Three class, one recitation, and two laboratory hours per week. Prerequisite: SCHM 101 or 111. *Fall, Spring.*

**105, 106. Chemistry and Society I and II (3,3)** Survey of chemistry and its impact on technology, the environment, modern life, and thought. Need not be taken in sequence. Non-science majors only. (SCHM 107 laboratory is available for additional credit.) 105: *Fall.* 106: *Spring.*

**107L. Chemistry and Society Laboratory (1)** Three laboratory hours per week. Prerequisite or corequisite: SCHM 105 or 106. (Credit may be earned only once.) *Fall, Spring.*

**111. General Chemistry (4)** Chemical principles with emphasis on stoichiometry, atomic structure, bonding, and molecular structure. Three class, one recitation, and two laboratory hours per week. Prerequisite or corequisite: SMTH 120 or higher. *Fall, Spring, Summer.*

**112. General Chemistry and Qualitative Analysis (4)** Chemical equilibrium, acids and bases, oxidation-reduction, and inorganic qualitative analysis. Three class, one recitation, and three laboratory hours per week. Prerequisites: SCHM 111 and SMTH 120 or higher. *Fall, Spring, Summer.*

**321. Quantitative Analysis (3)** Principles of gravimetric, volumetric, and basic instrumental methods of analysis. Three class hours per week. Prerequisite: SCHM 112.

**321L. Quantitative Analysis Laboratory (1)** Practice of volumetric, gravimetric, and simple instrumental methods of analysis. Three laboratory hours per week. Corequisite: SCHM 321.

**331, 332. Organic Chemistry (3,3)** Nomenclature, reactions, and syntheses of carbon compounds with emphasis on reaction mechanisms. Three class hours and one recitation hour per week. Prerequisite for 331: SCHM 112 or consent of instructor. Prerequisite or corequisite for 332: SCHM 331. 331: *Fall*. SCHM 332: *Spring*.

**331L, 332L. Organic Chemistry Laboratory (1,1)** A survey of laboratory methods of organic chemistry. Three laboratory hours per week. Prerequisite or corequisite for 331L: SCHM 331. Prerequisites for 332L: SCHM 331L and SCHM 332 or concurrent enrollment in SCHM 332. 331L: *Fall*. SCHM 332L: *Spring*.

**395. Internship in Chemistry (1-3)** Supervised work experience in chemistry. A minimum of three hours per week is required for each credit hour. A required contractual agreement is signed by the supervisor, the student, the instructor, and division chair. Prerequisite: junior or senior standing. Pass/fail credit.

**499. Undergraduate Research (1-3)** Directed research project introducing the student to the methods of chemical research. A written report on work accomplished is required at the end of each semester. Research involves laboratory and/or library work as determined by the instructor. The student can sign up for 1-3 hours of research each semester with a maximum of 9 hours total credits for undergraduate research. (Not for major credit). Prerequisite: consent of instructor.

**511. Inorganic Chemistry (3)** Atomic structure, molecular orbital theory, coordination, compounds, redox chemistry, crystal structures, and a systematic study of the periodic table. Prerequisites: SCHM 321 and SCHM 331.

**512L. Inorganic Chemistry Laboratory (1)** Syntheses with high pressure reactions, the use of unfamiliar solvents, high temperature and inert atmosphere, and the application of infrared, ultraviolet, nuclear magnetic resonance, and mass spectroscopy to inorganic chemistry. Three laboratory hours per week. Prerequisite: SCHM 331L. Prerequisite or corequisite: SCHM 511.

**522. Instrumental Methods of Analysis (4)** Theory, instrumentation, and applications of modern instrumental techniques. Three class and three laboratory hours per week. Prerequisite: SCHM 321.

**530. Spectrometric Identification of Organic Compounds (3)** Development and application of methods of obtaining and interpreting spectrometric data in terms of structural organic chemistry. Topics include infrared, ultraviolet, visible, and nuclear magnetic resonance spectroscopy. Prerequisite: SCHM 332 or consent of instructor.

**541. Physical Chemistry I (3)** Macroscopic systems including thermodynamics and chemical equilibrium. Prerequisites: SCHM 321 and SPHS 202. Coregistration in SPHS 212 is an alternative to having completed SPHS 202. Prerequisite or corequisite: SMTH 244.

**541L. Physical Chemistry I Laboratory (1)** Applications of physical chemical techniques to thermodynamics, chemical equilibrium and chemical kinetics. Three laboratory hours per week. Prerequisite: SCHM 321L. Corequisite: SCHM 541.

**542. Physical Chemistry II (3)** Microscopic systems including quantum theory and its applications to electronic structure and spectroscopy. Prerequisite: SCHM 541.

**542L. Physical Chemistry II Laboratory (1)** Applications of physical chemical techniques to quantum mechanics and spectroscopy. Three laboratory hours per week. Prerequisite: SCHM 541L. Corequisite: SCHM 542.

**561. Industrial Chemistry (3)** Processes and techniques in the inorganic, organic, and polymer chemical industries. Prerequisite: SCHM 542 or consent of instructor.

**581, 582. Biochemistry (3,3) (=SBIO 541, 542)** Chemistry and functions of major biological compounds, including primary metabolic pathways and control mechanisms for biosynthesis and degradation. Prerequisite: SCHM 332 or consent of instructor.

**583L. Biochemistry Laboratory (1) (=SBIO 543L)** A survey of laboratory methods in biochemistry. Three laboratory hours per week. Prerequisite or corequisite: SCHM 581 or 582.

**599. Senior Seminar (3)** Integration and assessment of chemical knowledge at an advanced level, exploration of ethical issues, research, and oral presentation. Prerequisites: SSPH 201, SCHM 321, SCHM 332, SCHM 541 and 1 course from SCHM 511, 522, 530, 561, 581, 582. *Spring*.

## Communication (SCOM)

**399. Internship or Independent Study in Mass Communication (1-3)** Supervised professional experience of research outside of the classroom. For three internship credit hours, a student is to work 135 hours with an approved agency; for two credit hours, 90 hours, for one credit, 45 hours. For an internship or for an independent study, a contract must be signed by the student and by the

instructor of record and other designated faculty and administrators. A student may repeat SCOM 399 once with a difference internship or independent study contract description for a total of no more than six hours of undergraduate credit. Prerequisites: SJOU 301, GPA 2.0 overall, 2.5 in major and consent of faculty supervisor.

**490. Senior Seminar (3)** Reading and research on selected topics in journalism, speech, and theatre designed to integrate knowledge, to explore ethical issues, and to gain experience in research and oral presentation. Prerequisite: SSPH 201.

## Computer Science (SCSC)

**138. Introduction to Computer Technology (3)** Introduction to graphical user interface, word processing, spreadsheet, database, Internet, cross-platform training, computer components and peripherals, input/output concepts, storage concepts, and computer buyer's guide considerations. *Fall, Spring, Summer.*

**141. Elementary Algorithm Design (3)** Problem solving and algorithmic design in a procedural language including expressions, input-output, decision structures, loop control structures, subalgorithms, vectors, and arrays. Rigorous techniques in the design, coding, testing, and documentation of computer algorithms are emphasized. Prerequisite or Corequisite: SMTH 143 or 174 or consent of the instructor. *Fall, Spring.*

**210. Assembler Language Programming I (3)** Computer organization: memory, central processing unit, registers, and PSW. Addressing techniques. Assembly language programming: arithmetic and logical instructions, subroutines and linkages, process interrupts. Prerequisite: SCSC 242. Prerequisite or corequisite: SMTH 122 or 143. *Fall.*

**231. Visual BASIC Programming for Non-Majors (3)** Modular programming, algorithmic design, string manipulation, array processing, sequential and random file processing in the BASIC language. Not for major credit. Prerequisites: SCSC 138 or SBAD 290 or consent of instructor.

**232. COBOL Programming (3)** Basic and advanced programming with emphasis on commercial applications. Prerequisite: SCSC 242.

**233. FORTRAN Programming (3)** Basic and advanced programming in the FORTRAN language. Prerequisite: SCSC 242.

**234. Visual BASIC Programming (3)** Basic and advanced programming in the Visual BASIC language including visual object design, active-X objects, access to database objects, dynamic data exchange, object linking and embedding. *Fall.*

**235. Pascal Programming (3)** Basic and advanced programming with problem solving utilizing structured vari-

ables, arrays, strings, linked lists, queues and trees. Prerequisite: SCSC 242.

**237. Ada Programming (3)** Basic and advanced programming with problem solving utilizing structured variables, arrays, strings, linked lists, queues and trees. Prerequisite: SCSC 242.

**241. Advanced Algorithm Design (3)** Problem solving and algorithmic design in a procedural language including strings, arrays, record structures, recursion, random number generation, sorting, and searching. Rigorous techniques in the design, coding, testing, and documentation of computer algorithms are emphasized including algorithm efficiency and programming style. Data abstraction is introduced. Prerequisite: SCSC 141 or consent of the instructor. *Fall, Spring.*

**242. Elementary Data Structures (3)** File input-output, objects and classes, pointers and dynamic storage allocation, linked lists, stacks, introductory binary trees, and introductory hashing methods. Prerequisite: SCSC 241 or consent of instructor. *Fall, Spring.*

**310. Introduction to Computer Architecture (3)** Computer system organization, conventional machine architecture, microprogrammed architecture and organization, and multilevel machines. Prerequisite: SCSC 241. *Fall.*

**321. Advanced Data Structures (3)** Queues, priority queues, trees, binary trees, binary search trees, balanced trees, graphs, and hashing methods. Prerequisite: SCSC 242 or consent of instructor. *Fall, Spring.*

**399. Independent Study (1-9) As needed.**

**401. Introduction to Systems Simulation (3)** Simulation languages, techniques, and methodology as applied to research problems from science and computer systems. Design of simulation experiments for optimizations and applications. Prerequisites: SCSC 310, 320 and SMTH 144. *Summer.*

**412. Local Area Networks (3)** Introduce the basic concepts needed to design, implement, and manage LAN's. Examines transmission media, topology, communication protocols, standards, network types, security, and network operating systems. Prerequisites or Corequisites: SCSC 241 or SIMS 211 and SCSC 234 or consent of instructor. *Fall.*

**420. File Management (3)** Concepts of input/output management: fields, key, records and buffering. File organization: sequential, indexed sequential, and direct access. File sorting, searching and merging. Prerequisites or Corequisites: SCSC 321 or SIMS 211 and SCSC 234 or consent of instructor. *Spring.*

**441. Applied Commercial Programming (3)** Experience in a data processing installation. Prerequisite: approval of the instructor. Pass/fail credit. *Fall, Spring, Summer.*



**509. Topics in Computer Science (3)** Selected topics of special interest in computer science. May be repeated for credit. Prerequisite: consent of instructor.

**511. Operating Systems (3)** Basic concepts and terminology of operating systems, concepts of input/output and interrupt programming, machine structure, memory management, processor management, and device management. Prerequisites: SCSC 310 and 321. *Fall, Spring.*

**512. Computer Communications Subsystems (3)** Distributed systems, networks, local networks, and back-end storage networks. Concentration is on systems as viewed from the communication mechanism. Prerequisites: SCSC 310 or SIMS 211 and SCSC 234 or consent of instructor.

**520. Database System Design (3)** Database organization; design and use of database management systems; database models — network, hierarchical, and relational; data description languages; data independence; and data representation. Prerequisite: SCSC 420. *Fall.*

**530. Programming Language Structures (3)** Introduction to the structure of programming languages: formal specification of syntax and semantics, structure of algorithms, list processing, string manipulation languages, data types and interfacing procedures. Prerequisites: SCSC 210 and 321. *Spring.*

**540. Advanced Program Design (3)** Structured and top-down design, modular programming, data types, time/space trade-offs, input/output and files, flow of control, preprocessors, error handling and interrupts, and documentation. Prerequisites: SCSC 242 or SIMS 211 and SCSC 234 or consent of instructor. *Fall.*

**551. Introduction to Automata Theory (3)** Algebraic characterizations of languages, abstract families of languages, finite state machines, automata, and sequential machines, and deterministic languages and their grammars. Prerequisites: SCSC 321 and 530.

**560. Numerical Analysis (3) (=SMTH 560)** Difference calculus, direct and interactive techniques for matrix inversion, eigenvalue problems, numerical solutions of initial value problems in ordinary differential equations, stability, error analysis, and laboratory applications. Prerequisites: SMTH 245 and 344, and programming competency.

**570. Introduction to Graphics (3)** Graphics hardware, software and applications; data structures; graphics languages; pen tracking; response time; and control programs. Prerequisite: SCSC 321.

**580. Introduction to Artificial Intelligence (3)** The mind/brain problem and the nature of intelligence, artificial intelligence with respect to cognitive behavior and self-organizing systems, and heuristic programming techniques including the use of list processing and logic programming languages. Prerequisite: SCSC 321.

**599. Computer Science Senior Seminar (3)** Integration of knowledge at an advanced level, a review of recent developments in theoretical and applied computer science, the exploration of ethical issues, along with research and oral presentation. Prerequisite: consent of instructor. *Spring.*

## **Criminal Justice (SCRJ)**

*Note: Criminal Justice 101 or Sociology 101 is a prerequisite to all other criminal justice courses.*

**101. Introduction to Criminal Justice (3)** Survey of the law enforcement, judicial, correctional, and juvenile systems; interrelationships between criminal justice agencies and the community. *Fall, Spring.*

**300. Criminal Trial Practice (3)** The criminal trial, including the rules of evidence, trial strategy, opening statements, the presentation of evidence, arguing objections, closing arguments, and a critical analysis of the entire process. Prerequisites: SCRJ 101, SSOC 101, SGIS 201, or consent of instructor. *Fall.*

**310. Policing in America (3)** Police organizations; the recruitment, training, and socialization of police officers; the role of police in society; and some critical issues in policing. The problem of coercive power as it relates to policing is also examined. *Spring.*

**320. The Criminal Courts (3)** The administration of criminal justice in the American federal and state court systems. The nature and concept of justice, court personnel, functions, jurisdictions, policies, procedures, discretion, and current developments in court technology and organization will be reviewed. *Spring.*

**321. Criminal Law (3)** Origin and development of criminal law in America along with basic elements of crime and defenses.

**330. Institutional Corrections (3)** History of corrections; traditional and contemporary philosophies, practices and procedures; constitutional limitations and the impact of law on correctional practices. *Fall.*

**333. Community-Based Corrections (3)** Development and impact of community programs, halfway houses, group homes, work-release, and educational release programs, including the role of the community and citizens in the correctional process. *Spring.*

**340. Criminal Justice Research Methods (3)** Quantitative, qualitative and comparative methods used in criminal justice research, focusing on research design, data collection and analysis, and ethical issues. *Fall.*

**341. Theories of Crime (3)** An examination of crime and criminal behavior. Includes analyses and critical assessments of traditional and contemporary theories of crime. *Fall, Spring, Summer II.*

**342. Crime in America (3)** Manifestations of crime, its victims, societal control strategies, correlates, and the collection and use of criminal statistics.

**351. Juvenile Delinquency (3) (=SSOC 355)** Social factors in the development, identification and treatments of delinquents and juvenile delinquency in the context of juvenile justice systems. *Fall*.

**360. Alcohol, Drugs, and Public Policy (3)** History and theories of alcohol and other drug use, types and effects of drugs, crime associated with drugs, prevention and treatment of abuse, and efforts to control and regulate drug use. Both past and present public policies for the control of licit and illicit drugs will be evaluated.

**364. State and Local Government (3) (=SGIS 364)** The institutions, functions, policy making processes, and politics of state and local governments including an examination of the relations between state and local government and the relations between state and local government and the national government.

**370. Introduction to Public Administration (3) (=SGIS 370)** The basic principles and theory of administrative structure, responsibility, and control in relation to policy making in the modern state.

**375. Victimology (3)** Forms of victimization, the role of victims in crimes, their treatment by the criminal justice system, their decisions to report crimes and help prosecute offenders, victim-offender mediation, and victim compensation. The national crime survey regarding patterns and trends in victimization will be introduced.

**376. Women and Crime (3)** The traditional and contemporary explanations of female delinquency and criminality, the differential treatment accorded female defendants and victims, the nature of crime against women, the quality of state and federal correctional systems for women, and the status of females as criminal justice professionals. *Spring*.

**380. Minorities, Crime, and Criminal Justice (3)** The involvement of minorities in crime and in the criminal justice system: theory, social policy, and effects.

**399. Independent Study (3)** May be repeated once with the consent of the adviser.

**423. Social Deviance (3) (=SSOC 423)** Theories, methods, and substantive issues in the creating, involvement, recognition, and control of deviance. Sociological theories and pertinent research data are integrated in the context of contemporary societal issues. *Spring*.

**451. Civil Rights and Civil Liberties (3) (=SGIS 451)** Freedom of religion, freedom of speech and association, due process, equal protection, and criminal procedure. Prerequisite: SGIS 201.

**452. The Judicial Process (3) (=SGIS 452)** The growth of law, the lawmaking of the courts, the structure and organization of federal and state courts, the procedures involved in civil and criminal cases, and the problems and proposals for reform in the administration of justice.

**461. Pre-Trial Criminal Procedure (3)** Operation of the criminal justice handling of the criminal suspect from the moment an individual is approached by the police for questioning/investigation, search and/or seizure, to the point where the accused enters the adversarial system. Prerequisite: SCRJ 101 or consent of the instructor.

**462. Post Arrest Criminal Procedure (3)** Criminal procedure from the beginning of the adversarial system through sentencing. Prerequisite: SCRJ 101 or consent of instructor.

**470. Criminal Justice Management and Organization (3)** Problems, processes, and theories of communication, decision making, and control in criminal justice agencies.

**471. Comparative Criminal Justice Systems (3)** Analysis of international criminal justice systems, its legal foundations, current structures, and strategies of crime control. Prerequisite: senior standing or consent of instructor.

**472. Policing: Theories and Programs (3)** The development of police organizational theories, practices and methods from the turn of the twentieth century to the twenty-first century. Major emphasis is on development and implementation of new programs and application to urban policing. Prerequisite: SCRJ 310 or consent of instructor. *Spring (every other year)*.

**491. Selected Current Topics (3)** A seminar for advanced students. May be repeated once with the consent of the adviser. Prerequisite: consent of instructor.

**495. Senior Seminar (3)** Exploration, at an advanced level, of issues, topics and dilemmas related to crime and the criminal justice system. The specific topics covered vary depending upon the instructor. Prerequisites: SSOC 401 or senior standing. *Fall, Spring*.

**499. Criminal Justice Internship (3)** A planned program of observation, study and work in selected criminal justice and related agencies. The purpose is to broaden the educational experience of seniors by giving them an opportunity to work with practitioners in the field. Prerequisites: minimum GPA of 2.5, criminal justice major, senior standing, and consent of instructor.

## Economics (SECO)

**221. Principles of Macroeconomics (3)** Causes and effects of changes in economic aggregates, including gross domestic product, personal income, unemployment, and inflation. The role of economics in contemporary society and the effect of monetary and fiscal policy on the

functioning of a free market system are explored. Prerequisite: SMTH 120 or 121 or 126. *Fall, Spring, Summer.*

**222. Principles of Microeconomics (3)** Consumer demand, supply, and price in a free-market system. The economics of the firm is presented within the context of different market structures. Prerequisite: SMTH 120 or 121 or 126. *Fall, Spring, Summer.*

**291. Probability and Statistics (3)** Concepts of probability, probability distributions, and sampling theory. Prerequisite: SMTH 121. *Fall, Spring, Summer.*

**292. Statistical Inference (3)** Methods of statistical inference, including additional topics in hypothesis testing, linear statistical models, and time series analysis. Prerequisite: SMTH 122 and SECO 291. *Fall, Spring, Summer.*

*Note: Junior standing (60 semester hours earned) is a prerequisite for all 300 level or above business administration and economics courses. Additional prerequisites are included in individual course descriptions.*

**301. Commercial and Central Banking (3)** History, structure, functions and operations of the American commercial and central banking system. Emphasis is placed on the influence and operations of the Federal Reserve System. Prerequisite: SECO 221. *Spring.*

**311. Issues in Economics (3)** Nature and causes of major economic problems facing the nation and its communities and policy alternatives designed to solve them, including the philosophy and methodology of economics in social problem solving. Prerequisites: SECO 221 and 222. *Fall.*

**321. Intermediate Microeconomic Theory (3)** The operation of the price system and its role in understanding the behavior of individual economic units, specifically consumers, producers, and suppliers of resources. Prerequisite: SECO 222. *Fall.*

**322. Intermediate Macroeconomic Theory (3)** Classical, Keynesian, and post-Keynesian models. These models provide a framework for monetary and fiscal policy prescriptions to economic problems. Prerequisite: SECO 221. *Spring.*

**462. Public Finance Theory (3)** Theory and practice of government spending and taxation. Prerequisites: SECO 221 and 222. *Spring.*

**499. Topics in Economics (3)** Selected topics in economics. Topics vary depending on available staff and interests of students. This course may be repeated for credit. Prerequisites: SECO 221 and 222.

**503. International Economics (3)** Theory of international specialization and exchange, impact of international transactions on national income, and introduction to the network, composition and sources of world trade. Prerequisites: SECO 221 and 222. *Fall.*

**526. Managerial Economics (3)** Application of the economic theory of profits, competition, demand, and costs to the analysis of problems arising in the firm and in decision making. Price policies, forecasting, and investment decisions are among the topics considered. Prerequisites: SECO 222 and 292 or equivalent. *Spring.*

## Education

### Curriculum and Instruction (SEDC)

**400. Resources and Technology in Teaching (1)** Proper and effective use of computer technology and audiovisual resources in education, including construction of materials, location or resources, and operation of equipment. Prerequisite: admission to the professional program or consent of instructor. *Fall, Spring.*

**402. Resources in Teaching Students with Disabilities (1)** Resources and technology designed to facilitate growth and development for diverse learners with mild/moderate disabilities. Prerequisite: SELD 412. Corequisites: SELD 414; SELD 483; SELD 440. *Spring*

### Early Childhood Education (SEDE)

**398. Topics in Early Childhood Education (1-3)** Prerequisite: junior standing and consent of instructor.

**399. Independent Study (3)** Prerequisite: junior standing and consent of instructor.

**410. Clinical I in Early Childhood Education (2)** Supervised clinical experience in early childhood settings. Observation and participation in classroom settings is required with a focus on observing children's development and language use, observing types of programs, and assessing management styles and techniques. Seminars and group discussions included. Four laboratory hours per week. Prerequisite: admission to the professional program. Corequisite: SEDE 420, 422, 445 and SEDF 485. *Spring.*

**420. The Young Child: Behavior and Development in Early Childhood (3)** Intellectual, physical, social, and emotional development, prenatal through grade four, within ecological context. Critical thinking, creative expression, the parenting role and developmental diagnosis including assessment of development, normal and abnormal, will be addressed. Prerequisites: SEDF 333 or SPSY 302; admission to the professional program or consent of the instructor. Corequisites: SEDE 410, 422, 445 and SEDF 485. *Spring.*

**422. Survey of Early Childhood Education (3)** Programs for young children and the historical, social, economic, and philosophical influences on education. Attention is given to learning activities, materials, and equipment for kindergarten and primary grades. The assessment of readiness and maturation and the relationship of various subject areas to the child's development are em-

phasized. Prerequisite: admission to the professional program. Corequisites: SEDE 410, 420, 445 and SEDF 485. *Spring.*

**440. Clinical II in Early Childhood Education (2)** Supervised clinical experience in early childhood settings. Observation and participation in classroom settings is required with a focus on math, science, reading, social studies and creative arts. Seminars and group discussions included. Four laboratory hours per week required. Prerequisite: admission to the professional program. Corequisites: SEDR 414, SEDE 446, 447, 448 and 449. *Fall.*

**445. Language Development and Communicative Skill (3)** The relationship of language development and thinking to teaching the communicative skills to young children. Included are activities designed to develop oral language facility, writing (handwriting, spelling, functional, and creative writing), listening, and specific techniques dealing with diagnosis of language development. Students participate in a field based experience at a selected school site. Prerequisite: admission to the professional program. Corequisites: SEDR 414, SEDE 410, 420, 422 and SEDF 485. *Spring.*

**446. Math for the Young Child (3)** Materials and programs for teaching mathematics and the methods and theories for developing mathematics programs. Competence is gained in the selection, preparation, and presentation of materials. Prerequisite: admission to the professional program. Corequisites: SEDR 414, SEDE 440, 447, 448 and 449. *Fall.*

**447. Social Studies for the Young Child (3)** The selection, appropriate utilization, facilitation of development, and application of social science concepts to social problems and the socialization of children. Prerequisite: admission to the professional program. Corequisites: SEDR 414, SEDE 440, 446, 448 and 449. *Fall.*

**448. Science for the Young Child (3)** Materials and programs for teaching science and the methods and theories of developing science programs. Competence is gained in the selection, preparation, and presentation of materials. Prerequisite: admission to the professional program. Corequisite: SEDR 414, SEDE 440, 446, 448 and 449. *Fall.*

**449. Creativity and Play (3)** Theories of play and the development of play as central to children's learning. Knowledge and skills in structuring the classroom environment and curriculum experiences which will support and enrich a child's social, creative, and physical development in preprimary and primary school settings will be acquired. Multicultural perspectives and needs of exceptional children addressed. Prerequisite: admission to the professional program. Corequisites: SEDR 414, SEDE 440, 446, 447 and 448. *Fall.*

**468. Education of Young Children: An Ecological Approach (3)** An ecological study with emphasis on

home-school relations, parent involvement, and community resources. Multicultural perspectives and needs of exceptional children are addressed. Prerequisite: admission to the professional program. Corequisite: SEDE 469. *Fall, Spring.*

**469. Directed Teaching in Early Childhood Education (12)** A supervised clinical experience, consisting of 14 weeks, normally with 50 percent at the 4K or 5K level and the remaining 50 percent in grades one, two, three, or four. This experience includes an exploration of ethical issues, research through analysis and evaluation of teaching, and oral presentation of research results. Prerequisite: approved application for directed teaching. Corequisite: SEDE 468. Pass/fail credit. *Fall, Spring.*

### Elementary Education (SEDL)

**398. Topics in Elementary Education (1-3)** Prerequisites: junior standing and consent of instructor.

**399. Independent Study (3)** Prerequisites: junior standing and consent of instructor.

**441. The Elementary School Curriculum and Organization (3)** The entire school program, including grouping, grading, placement, and organization of both the children and the school for optimal learning. Prerequisite: SEDF 333, admission to professional program. *Fall, Spring, Summer.*

**445. Teaching Language Arts in the Elementary and Middle School (3)** Materials, resources, programs and methods for teaching language arts in grades 1-8. Included are activities which integrate all four language modes and emphasize writing as a process. Includes supervised practicum experiences which promote reflective teaching in elementary and middle school settings. Prerequisite: admission to the professional program, SEDL 441, SEGL 484. Corequisite: SEDR 416. *Fall, Spring.*

**446. Teaching Mathematics in the Elementary and Middle School (3)** Materials, resources, programs and methods for teaching mathematics in grades 1-8. Included are supervised practicum experiences which promote reflective teaching in elementary and middle school settings. Prerequisites: admission to the professional program and SEDL 441. Corequisite: SEDL 448. *Fall, Spring.*

**447. Teaching Social Studies in the Elementary and Middle School (3)** Materials, resources, programs, and methods for teaching social studies in grades 1-8. Included are supervised practicum experiences which promote reflective teaching in elementary and middle school settings. Prerequisites: admission to the professional program and SEDL 441. *Fall, Spring.*

**448. Teaching Science in the Elementary and Middle School (3)** Materials, resources, programs, and methods for teaching science in grades 1-8. Included are supervised practicum experiences which promote reflective

teaching in elementary and middle school settings. Prerequisites: admission to the professional program and SEDL 441. Corequisite: SEDL 446. *Fall, Spring.*

**449. Issues and Trends in Elementary Education (3)** Research, organization, analysis, and synthesis of current research in the broad field of elementary education. Extensive guided reading, major papers with bibliographies, and informed discussion are required. Prerequisite: admission to professional program. Corequisite: SEDL 470. *Fall, Spring.*

**470. Directed Teaching in the Elementary and Middle School (12)** A supervised clinical experience, consisting of 14 weeks, normally with 50 percent in grades one, two, or three and the remaining 50 percent in grades four, five, six, seven or eight. The experience includes an exploration of ethical issues, research through analysis and evaluation of teaching, and oral presentation of research results. Prerequisite: Approved application for directed teaching. Corequisite: SEDL 449. Pass/fail credit. *Fall, Spring.*

### **Foundations of Education (SEDF)**

**210. Foundations of Education (3)** The art and science of teaching. A comprehensive examination of the social, historical, and philosophical influences that have shaped educational policies and practices in the USA with special emphasis on legal and ethical aspects of education. Supervised practicum experiences to promote reflective practice in a variety of settings are included. *Fall, Spring, Summer.*

**333. Educational Development of the Lifelong Learner (3)** Applications of psychology of learning and motivation to patterns of social, emotional, physical and intellectual development, and their relationship to teaching of children, adolescents, and adults. *Fall, Spring, Summer.*

**341. Education Procedures for Exceptional Children (3)** Theoretical and practical approaches to the education of the young exceptional child with emphasis on current remedial procedures. Included are alternative administrative arrangements and sources of academic therapy. Supervised field experiences are included. *Fall, Spring, Summer.*

**485. Principles of Effective Classroom Management and Assessment** The dynamic relationships among management, instruction, and assessment leading to reflective practice. Prerequisite: admission to the professional program. Corequisite: Depending on major, one of the following: SEDE 410, or SEDL 445, 446, 447, 448; or SEDS 473-481. *Fall, Spring.*

### **Reading Education (SEDR)**

**414. Emergent and Early Literacy (3)** Theoretical and instructional issues relating to challenges children encounter when learning to read and write. Research on the

expected development of such behaviors through stages typically found in the preprimary and primary school years are explored. Procedures, materials, programs, and assessment techniques for developing literacy are investigated. Prerequisite: admission to the professional program. Corequisites: SEDE 440, 446, 447, 448, 449. *Fall.*

**416. Reading in the Elementary and Middle School (3)** Teaching of reading to children in grades 1-8. Attention is given to theories and methods of teaching reading, to integration of all language arts, and to reading in the content area. Students are required to engage in reflective thinking as they complete practicum experiences in a public school setting. Prerequisites: admission to the professional program, SEDL 441 and SEGL 484. Corequisite: SEDL 445. *Fall, Spring.*

**418. Reading in the Secondary School (3)** The significance of reading as it relates to all content areas. The focus is on strategies for making any text material more accessible to the student, and attention is given to matching the learner and the learning. Seven hours of tutoring in the area of certification are required. Prerequisite: SEDF 333 and admission to the professional program. Prerequisite for physical education majors: SPSY 302. *Fall, Spring.*

### **Secondary Education (SEDS)**

**398. Topics in Secondary Education (1-3)** Prerequisites: junior standing and consent of instructor.

**399. Independent Study (3)** Prerequisites: junior standing and consent of instructor.

**441. Middle and Secondary School Curriculum (3)** Organization, historical context, foundations for development, determinants, planning, design, and strategies for change of middle and secondary school curricula. Prerequisites: admission to the professional program or consent of the instructor. Corequisite: SEDS 442. *Fall, Spring.*

**442. Middle and Secondary School Teaching Methodology (3)** Theories of adolescent and young adult development and the application of such to the teaching-learning process. Core topics include instructional methods appropriate for middle and secondary school students; addressing student needs; and diversity through appropriate instruction, unit and lesson planning, evaluation of student performance, and teacher effectiveness evaluation. Supervised practicum experiences, designed to promote reflective teaching, in middle or secondary school settings, are included. Prerequisites: SEDF 333 and admission to the professional program or consent of the instructor. Corequisite: SEDS 441. *Fall, Spring.*

**445. Teaching English in Secondary Schools (3)** Methods, materials, resources, issues and trends related to teaching specific subject content in secondary schools. Also includes instructional planning and delivery of instruction. Supervised practicum experiences designed to promote reflective teaching, in secondary school settings,

are included. Prerequisites: admission to the professional program and SEDS 442, or consent of instructor. *Fall*.

**446. Teaching Mathematics in Secondary Schools (3)** Methods, materials, resources, issues and trends related to teaching specific subject content in secondary schools. Also includes instructional planning and delivery of instruction. Supervised practicum experiences designed to promote reflective teaching, in secondary school settings, are included. Prerequisites: admission to the professional program and SEDS 442, or consent of instructor. *Fall*.

**447. Teaching Social Studies in Secondary Schools (3)** Methods, materials, resources, issues and trends related to teaching specific subject content in secondary schools. Also includes instructional planning and delivery of instruction. Supervised practicum experiences designed to promote reflective teaching, in secondary school settings, are included. Prerequisites: admission to the professional program and SEDS 442, or consent of instructor. *Fall*.

**448. Teaching Science in Secondary Schools (3)** Methods, materials, resources, issues and trends related to teaching specific subject content in secondary schools. Also includes instructional planning and delivery of instruction. Supervised practicum experiences designed to promote reflective teaching, in secondary school settings, are included. Prerequisites: admission to the professional program and SEDS 442, or consent of instructor. *Fall*.

**449. Teaching Foreign Language in Secondary Schools (3)** Methods, materials, resources, issues and trends related to teaching specific subject content in secondary schools. Also includes instructional planning and delivery of instruction. Supervised practicum experiences designed to promote reflective teaching, in secondary school settings, are included. Prerequisites: admission to the professional program and SEDS 442, or consent of instructor. *Fall*.

**473. Directed Teaching in Secondary School English (12)** *Fall, Spring*.

**474. Directed Teaching in Secondary School Foreign Language (12)** *Fall, Spring*.

**475. Directed Teaching in Secondary School History and Social Studies (12)** *Fall, Spring*.

**478. Directed Teaching in Secondary School Mathematics (12)** *Fall, Spring*.

**481. Directed Teaching in Secondary School Natural Science (12)** A supervised clinical experience consisting of 14 weeks in secondary school settings. The experience includes an exploration of ethical issues, research through analysis and evaluation of teaching, and oral presentation of research results. Prerequisite: approved application for directed teaching. Corequisite: SEDF 485. Pass/fail credit. *Fall, Spring*.

## **Education and Technology (SEDT)**

**420. Information Systems in Education (3)** The application of information systems to a variety of educational settings. Topics include policy issues directing the design and implementation of education information systems, particularly data collecting and reporting protocols required for compliance with local, state, and federal mandates. Prerequisites: SEDF 210, SEDF 333, SEDF 341, SCSC 234, SIMS 211, SCSC 412. *Fall*.

**430. Instructional Design and Methods for Information Systems Training (3)** Design and delivery of training programs for users of information systems and related technologies. Activities include the production of training materials, management of instructional time and selection of appropriate resources. Methods for the assessment and evaluation of the instructional materials and outcomes are an integral part of this course. Prerequisites: SEDF 210, SEDF 333, SEDF 341, SCSC 234, SIMS 211, SCSC 412. *Spring*.

**497. Information Systems Education Internship (3)** Supervised work experience in a district office and other administrative school sites. Emphasis is on the design, implementation, and service of information systems integral to the sponsoring school and district. The individualized course of study is designed to meet pre-established learning objectives. A "work practice" plan is required and must be approved by the sponsoring organization and the course instructor. Prerequisites: SEDF 210, SEDF 333, SEDF 341, SCSC 234, SIMS 211, SCSC 412. *Fall, Spring*

## **Special Education: Learning Disability (SELD)**

**410. Methods of Teaching Students with LD (3)** Instructional strategies and practice for teaching learners with LD. Prerequisite: admission to professional program. Corequisites: SELD 412; SELD 446. *Fall*.

**412. Characteristics of Students with LD (3)** Characteristics of students who have learning disabilities which are manifested in instructional settings. Specific characteristics that are factors in developing comprehensive, longitudinal individualized programs as well as guidelines regarding LD referral, assessment and placement procedures will be presented. Prerequisite: admission to the professional program. Corequisite: SELD 410, SELD 446. *Fall*.

**414. Individualized Curriculum for Students with Disabilities (3)** The various etiologies of conditions affecting students with mild/moderate disabilities. Cognitive characteristics of learners with mild/moderate disabilities and the impact on language development, academic performance, social skills, and emotional behavior will be included. Prerequisite: SELD 412. Corequisites: SEDC 402; SELD 483; SELD 440. *Spring*.

**415. Reading Disorders and Reading Methods (3)**

Specific methods designed to facilitate the development of reading skills of students with learning disabilities. A practicum experience is required. Prerequisite: SELD 414. Corequisites: SELD 445; SELD 486. *Fall*.

**440. Practicum in the Instruction of Students with Disabilities (3)** Sequencing, implementing, and evaluating individual learning objectives in a professional setting. Students will select, adapt, and use instructional strategies and materials according to characteristics of the learner. Prerequisite: SELD. Corequisites: SEDC 402; SELD 414; SELD 483. *Spring*.

**445. Language Disorders and Language Arts Methods (3)**

Learning disability specific methods designed to facilitate the development of language and social skills. A practicum experience is required. Prerequisite: SELD 414. Corequisite: SELD 415; SELD 486. *Fall*.

**446. Math Disabilities and Math Methods (3)**

Learning disability specific methods designed to facilitate the development of mathematics concepts and skills. A practicum experience is required. Prerequisites: SMTH 301 and SMTH 302 and admission to professional program. Corequisites: SELD 410; SELD 412. *Fall*.

**449. Issues and Trends in Exceptionalities (3)**

The philosophical, historical, and legal foundations of special education that connect with current issues and trends in special education. Prerequisite: admission to professional program. Corequisite: SELD 470. *Spring*.

**470. Directed Teaching of Students with Learning Disabilities (12)**

A supervised clinical experience, consisting of 14 weeks with 50 percent in a special education resource classroom and the remaining 50 percent in an inclusive regular classroom. The experience includes an exploration of ethical issues, research through analysis and evaluation of teaching, and oral presentation of research results. Prerequisite: approved application for directed teaching. Corequisite: SELD 449. *Spring*.

**483. Assessment of Students with Disabilities (3)**

The techniques and practices of diagnostic assessment, including ethical concerns and legal provisions/guidelines. Emphasis is on identifying typical, delayed, and disordered communication and reasoning patterns of individuals with exceptional learning needs. Prerequisite: SELD 412. Corequisites: SEDC 402; SELD 414; SELD 440. *Spring*.

**486. Planning and Managing the Inclusive Classroom (3)**

Strategies and techniques for facilitating the inclusion of individuals with mild/moderate disabilities in family, school, and community activities. The emphasis is on identifying a range of community resources. Prerequisite: SELD 414. Corequisites: SELD 415; SELD 445. *Fall*.

**Engineering (SENG)**

**101. Introduction to Engineering I (2)** Computers in engineering practice. Use of an appropriate operating system, programming in a high-level language, spreadsheet, and word processing. One lecture and two laboratory hours per week. Prerequisite or corequisite: SMTH 143. *Fall*.

**102. Introduction to Engineering II (2)** Principles and practice of visualization and graphical representation using modern computer-aided design tools. One lecture and two laboratory hours per week. Prerequisite: SENG 101. *Spring*.

**200. Statics (3)** Introduction to the principles of mechanics. Equilibrium of particles and rigid bodies. Distributed forces, centroids, and centers of gravity. Moments of inertia of areas. Analysis of simple structures and machines. A study of various types of friction. Prerequisite or corequisite: SMTH 144. *Fall, Spring*.

**210. Dynamics (3)** Kinematics of particles and rigid bodies. Kinetics of particles with emphasis of Newton's second law; energy and momentum methods for the solution of problems. Applications of plane motion of rigid bodies. Prerequisite: SENG 200. *Fall, Spring*.

**211. Introduction to Computer Engineering I (3)** Computer structures, logic design, sequential machines, engineering computing. Prerequisite or corequisite: SMTH 144. *Fall*.

**221. Introduction to Electrical Engineering I (3)** Linear circuit analysis. Prerequisite or corequisite: SMTH 243. *Spring*.

**260. Introduction to Mechanics of Solids (3)** The concepts of stress and strain; stress analysis of basic structural members; consideration of combined stress, including Mohr's circle; introductory level analysis of deflection; buckling of columns. Prerequisite: SENG 200. Prerequisite or corequisite: SMTH 244.

**290. Thermodynamic Fundamentals (3)** Definitions, work, heat and energy. First law analysis of systems and control volumes. Second law analysis. Prerequisite or corequisite: SMTH 244.

**English Language and Literature (SEGL)**

*Note: The completion of Composition and Literature (102) or the equivalent is prerequisite to enrollment in all higher level English courses. Only those courses that are numbered above 300 may count toward a major in English.*

*Advanced standing in freshman English classes may be achieved through appropriate scores on Advanced Placement (AP) tests, passing of appropriate College Level Examination Program (CLEP) tests, institutional credit by examination, or the English placement tests*

administered to all incoming USCS freshmen. Details may be found in appropriate sections of this catalog or in consultation with the chair of the division of fine arts, languages and literature.

**101. Composition (3)** Closely supervised practice in reading and in writing essays. Attention is given to invention, organization, style, and research paper writing. *Fall, Spring, Summer.*

**102. Composition and Literature (3)** The writing of expository essays, critical essays, and research-based literary analysis with an introduction to literature. *Fall, Spring, Summer.*

**146. Composition and Literature (3)** Intensive reading in the various types of literature and intensive writing of expository and critical essays, including short essays, examinations, and the research paper. Upon successful completion of the course with a minimum grade of C the student will receive credit for SEGL 101 and SEGL 146. Students receiving a D or D+ must also successfully complete SEGL 101. Students who fail SEGL 146 must successfully complete SEGL 101 and SEGL 102. Students must place into SEGL 146 by means of USCS writing sample, evaluation in conjunction with SAT scores (when available) and Nelson-Denny reading scores. *Fall.*

**245. Professional Writing (3)** Developing communication skills for the successful professional. Students reflect and apply principles of appropriate content, style and format for memos, letters, reports, resumes, interviews and presentations. *Fall, Spring, Summer.*

**250. Selected English Studies Abroad (3-6)** A selection of British writing, together with immersion in British culture.

**252. Understanding English Grammar (3)** Intensive review of grammatical principles and mechanics of English with emphasis on exploration and discovery of principles of English grammar usage. *Fall.*

**275. Masterpieces of World Literature (3)** Selections from the literature of western and non-western cultures from ancient times through the seventeenth century. *Fall, Spring.*

**276. Masterpieces of World Literature (3)** Selections from the literature of western and non-western cultures from the eighteenth century to modern times. *Fall, Spring.*

**279. Survey of American Literature I (3)** Writings from colonial times to 1860. *Fall, Spring, Summer.*

**280. Survey of American Literature II (3)** Poetry, drama and prose from 1860 to the present. *Fall, Spring, Summer.*

**283. Native American Literature (3)** Selected readings by Native American writers, including novels, short stories and poetry. SEGL 283/SEGL 383 will be offered

concurrently. The reading and writing assignments for students taking SEGL 383 will be longer and the standard for grading will be more demanding. Students may not enroll for both courses.

**289. Survey of British Literature I (3)** Poetry, drama and prose from the Old English Period to 1800. *Fall, Spring, Summer.*

**290. Survey of British Literature II (3)** Poetry, drama and prose from 1800 to the present. *Fall, Spring, Summer.*

**291. African American Literature (3)** A survey of writings by African American authors. The literary types studied may vary. English 291/391 will be offered concurrently. The reading and writing assignments for students enrolled in SEGL 391 will be longer and the standard for grading will be more demanding. Students may not receive credit for both courses. *Fall, Summer.*

**307. Literature and Nature (3)** Readings in selected literature in which the natural environment is a central issue.

**318. Writing and Computers (3)** Research, analysis, composition and publication with the assistance of computer applications. Prerequisites: SCSC 138 or SEDC 120. *Fall.*

**318L. Writing and Computers Laboratory (0)** Writing, publishing and literary research using computer applications. Corequisite: SEGL 318.

**319. Development of the Novel (3)** The development of the novel as an art form. Included are major European and American novels.

**322. Contemporary Literature (3)** Comparative works by contemporary world writers.

**325. Modern German Literature in Translation (3)** Masterpieces of German literature. The selection may include texts by T. Mann, Kafka, Brecht, Hesse and Grass. Taught in English. This course may not be used to satisfy a foreign language requirement. Prerequisite: consent of instructor.

**340. Studies in Film (3)** Screening and analysis of feature-length narrative films using thematic, historic, and technical perspectives. This course may be taken only once for credit.

**350. Advanced Selected English Studies Abroad (3-6)** Role of locale in a selection of British writing, together with immersion in British culture.

**368. Life Writing and Biography (3)** The writing, reading, and criticism of biography, autobiography, and other nonfictional prose.



**383. Native American Literature (3)** Selected readings by Native American writers, including novels, short stories and poetry. SEGL 283/SEGL 383 will be offered concurrently. The reading and writing assignments for students taking SEGL 383 will be longer, and the standard for grading will be more demanding. Students may not enroll for both courses.

**391. African American Literature (3)** A survey of writings by African American writers. The literary types studied may vary. SEGL 291/391 will be offered concurrently. The reading and writing assignments for students enrolled in SEGL 391 will be longer and the standard for grading will be more demanding. Students may not receive credit for both courses.

**395. Narrative Poetry, Epic and Heroic (3)** Selected readings (in translation) from the epic and heroic poetry of Europe. These selections may include: Homer's *Iliad* and *Odyssey*, Virgil's *Aeneid*, *Beowulf*, *The Song of Roland*, *The Epic of the Cid*, Milton's *Paradise Lost*, and others.

**398. Topics in Language and Literature (3)** Intensive study of selected topics. *Fall, Spring, Summer.*

**399. Independent Study (1-3)** Directed research and reading project outside the classroom of a complex and extensive nature in keeping with the student's major creative and/or scholarly interests. In addition to writing required for a particular independent study project, a written report on work accomplished is required at the end of the term. Research involves both primary and secondary sources. May be repeated with the consent of the instructor and advisor for total of no more than six hours of undergraduate credit. Prerequisites: Junior or senior standing. GPA 2.0 overall, 2.5 in English courses. A minimum of 6 hours in English courses numbered 300 and above. Consent of the instructor and advisor. A university contract must be signed with all required signatures.

**400. A Survey of Early English Literature (3)** Old and Middle English works in translation.

**401. Chaucer (3)** Chaucer's works, with special attention to *The Canterbury Tales*.

**405. Shakespeare: The Early Plays (3)** Romantic comedies, history plays, and early tragedies. Prerequisite: junior standing or permission of the instructor.

**406. Shakespeare: The Late Plays (3)** Problem plays, major tragedies, and romances. Prerequisite: junior standing or permission of the instructor.

**408. Milton (3)** *Paradise Lost* and other poetry. Prerequisite: junior standing or permission of instructor.

**409. English Literature, 1500-1660 (3)** Poetry and prose of major Renaissance and Commonwealth writers.

**411. English Literature, 1660-1800 (3)** Poetry, prose and drama of Restoration and 18th century writers.

**417. Romanticism (3)** The 18th century transition from classicism to romanticism, and the 19th century masters: Wordsworth, Coleridge, Byron, Shelley and Keats.

**419. Victorian Literature (3)** Poetry and prose of major Victorian writers.

**422. Modern Drama (3)** British, American and continental drama beginning with Ibsen and Strindberg.

**423. British Literature, 1900-1950 (3)** Poetry, prose and drama of major writers.

**424. British Literature, 1950-to the Present (3)** Poetry, prose and drama of major writers.

**425. American Literature, Beginnings to 1830 (3)** Colonial and revolutionary American writing with special attention to literary types and to the influence of religion and politics.

**426. American Literature, 1830-1865 (3)** Readings in representative works.

**427. American Literature, 1865-1910 (3)** Readings in representative works.

**428. American Literature, 1910-1950 (3)** Readings in representative works.

**429. Literature of the Harlem Renaissance (3)** Philosophy and literature of the New Negro movement of the 1920s, including works by Hughes, Hurston, Cullen, Fauset and McKay. *Spring.*

**430. American Literature, 1950-Present (3)** Readings in representative works. *Fall, Spring, Summer.*

**435. The Short Story (3)** Characteristics of the short story as a type, with references to its historical development in America and Europe.

**436. Science Fiction Literature (3)** Representative science fiction from the beginnings of the genre to the present.

**437. Women Writers (3)** Representative works written by women.

**447. Southern Literature (3)** An historical and critical survey of selected works of Simms, Lanier, Cable, Harris, Wolfe, Faulkner, O'Connor, Johnson, Wright, McCullers, and other southern writers. *Spring, Fall.*

**451. Introduction to the Study of Language (3)** The design and function of human language with illustrations drawn from English and modern European languages, as well as others.

**453. Development of the English Language (3)** History and evolution of the English language reflecting changes in phonetics, semantics, morphology, and syntax, as well as assembly of dictionaries.

**455. Language Study Applications (3)** Applied linguistics studies providing increased awareness of the power of language and suggesting methodology for increasing language usage, dialects, general semantics, propaganda techniques, nonverbal communication (body language) and application of grammatical analysis to improvements of effective communication.

**459. Advanced Rhetoric and Composition (3)** The theory and principles of rhetoric, their history and development from classical Greece to the present, and the application of these principles in the student's own thinking and writing.

**468. Creative Writing (3)** The writing of nonfiction, drama and poetry. May be taken twice for a total of six semester hours with the consent of the division chair. Consent of instructor.

**483. Theory of Literary Criticism (3)** Various theories of literary criticism with the aim of establishing standards of judgment. Practice in criticism of literary works.

**484. Children's Literature (3)** Representative works in children's literature appropriate for the elementary school child. *Fall, Spring, Summer.*

**485. Adolescent Literature (3)** The characterization of adolescents in literature and the historical development of the writing of literary works expressly for adolescent readers.

**490. Senior Seminar (3)** Reading and research on selected topics designed to integrate knowledge, to explore ethical issues, and to gain experience in research and oral presentation. Prerequisites: SSPH 201 and 15 hours in SEGL courses numbered above 300. *Fall, Spring.*

**499. Internship (1-3)** Supervised professional experience or research outside of the classroom, involving a meaningful project or activity for the employing firm or organization and a scholarly project for the student. For three credit hours, a minimum of 135 hours of supervised work, periodic class meetings and consultation with the instructor are required. A contractual agreement signed by the employer, the student, the instructor, and the dean of the college is mandatory. A student may repeat SEGL 499 once with a different internship contract description for a total of no more than six hours of undergraduate credit. Prerequisite: Junior or senior standing; a minimum of six hours in major courses numbered 300 and above; GPA 2.0 overall, 2.5 in English courses; and consent of the faculty supervisor and advisor.

#### English as a Second Language (SESL)

**101. Writing I for Non-native Speakers of English (3)** Developing in improving the writing skills of the non-native English speaker. Confidence in writing abilities is built through a systematic approach to the understanding of writing as a process.

**105. Effective Reading I for Non-native Speakers of English (3)** Developing and improving the reading and vocabulary skills of the non-native English speaker.

#### French (SFRN)

*Note: Unless otherwise indicated, readings, lectures and discussion in foreign language courses above the elementary level are principally in the language concerned. Incoming students with previous experience in a foreign language must take a placement test.*

**101, 102. Introductory French (3,3)** Fundamentals of the language and culture through speaking, listening, reading and writing. Prerequisite for 102 is SFRN 101 or placement through testing. SFRN 101: *Fall, Summer.* SFRN 102: *Spring, Summer.*

**103. Introductory Reading in Business and Technical French (3)** Interpretation of basic written material in business and science.

**121. Elementary French (3)** Intensive review and continuation of basic grammar and vocabulary for fundamental communication skills. Placement in SFRN 121 assumes a minimum of two years high school level experience in the language. *Fall.*

**201. Intermediate French (3)** Review of the basic principles of the language, with emphasis on reading, writing and oral skills. Prerequisite: SFRN 102 or 121 or placement through testing. *Fall, Spring.*

**202. Intermediate French (3)** Review of the basic principles of the language, with emphasis on writing, oral skills, and the reading of literary and other authentic texts. Prerequisite: SFRN 201 or placement through testing. *Spring.*

**204. French Culture (3)** Major artistic, literary and historical movements from the Middle Ages to modern times that have contributed to the French cultural identity. Taught in English. Prerequisite: SEGL 102 or consent of instructor.

**210. French Oral Communication (3)** Enhancement of oral expression through group discussions, oral presentations, and vocabulary development. Prerequisite: SFRN 202 or placement through testing. *Spring.*

**250. Selected French Studies Abroad (3-6)** Development of intermediate level communication skills together with immersion in the culture of a foreign country. Prerequisite: SFRN 102 or 121 or consent of instructor.

**308. Business French (3)** Fundamental elements of the language and exercises in composition centering on business communication skills. Prerequisite: SFRN 202 or consent of instructor.

**309. French Grammar and Composition (3)** Fundamental elements of the language and exercises in composition. Prerequisite: SFRN 202 or consent of instructor. *Fall.*

**310. French Conversation (3)** Advanced vocabulary development and acquisition of fluency through aural and oral activities. Prerequisite: SFRN 210 or placement test. *Spring.*

**320. French Civilization (3)** Culture and civilization of the French-speaking world, with major emphasis on France. Prerequisite: SFRN 202 or consent of instructor. *Spring.*

**330. Survey of French Literature I (3)** A selection of medieval and Renaissance French literature through the sixteenth century. Prerequisite: SFRN 202 or consent of instructor. *Fall.*

**331. Survey of French Literature II (3)** A selection of works from the seventeenth century through the present. Prerequisite: SFRN 202 or consent of instructor. *Fall.*

**350. Selected French Studies Abroad (3-6)** Development of advanced level communication skills together with immersion in the culture of a foreign country. Prerequisite: SFRN 202 or 210 or 250 or consent of instructor.

**398. Topics in French Language or Literature (1-3)** Prerequisite: SFRN 202 or consent of instructor.

**399. Independent Study or Internship (1-3)** Supervised professional experience or research outside the classroom. For three internship credit hours, a student is to work 135 hours with an approved agency; for two credit hours, 90 hours; for one credit hour, 45 hours. For an internship or for an independent study, a contract must be signed by the student and by the instructor of record and other designated faculty and administrators. A student may repeat SFRN 399 once with a different internship or independent study contract description for a total of no more than six hours of undergraduate credit. Prerequisites: GPA 2.0 overall, 2.5 in foreign language course and consent of faculty supervisor. *Spring.*

**401. Masterpieces of French Poetry (3)** Selected works from the Middle Ages through the present. Prerequisite: SFRN 202 or consent of instructor.

**402. Masterpieces of French Drama (3)** Selected works from the beginning of French theatre through the present. Prerequisite: SFRN 202 or consent of instructor. *Spring.*

**403. Masterpieces of the French Novel (3)** Selected works from the beginning of the French novel through the present. Prerequisite: SFRN 202 or consent of instructor. *Fall.*

**450. Foreign Language Technology (3) (=SSPN 450)** Use of language laboratories, computers, videos, and various other materials in foreign language teaching.

Prerequisite: SFRN 202 or SSPN 202 or consent of instructor.

**453. Introduction to Romance Linguistics (3) (=SSPN 453)** Descriptive, historical and applied linguistics in French and Spanish. Prerequisite: SFRN 202 or SSPN 202 or consent of instructor. *Spring.*

**490. Senior Seminar in French (3)** Reading and research on selected topics designed to integrate knowledge, to explore ethical issues, and to gain experience in research and oral presentation. Prerequisite: two French literature courses. *Spring.*

## Geography (SGEG)

**101. The Upstate (3)** Uses the landscape approach to study the 10-county area of Northwestern South Carolina. Spatial, economic, social, cultural, demographic and natural traits of the contemporary urban, suburban and rural landscapes are examined after an introduction to the landscape approach. *Fall.*

**103. Introduction to Geography (3)** Principles and methods of geographical inquiry. *Fall, Spring, Summer.*

**121. Principles of Regional Geography (4)** Description of the regional method and an analysis of the region forming processes. Emphasis is placed on the construction of local regions and the interpretation of regional constructs. Three class and two laboratory hours per week. *Spring.*

**201. Introduction to Physical Geography (4)** The spatial significance of land forms, water bodies, and soils. Emphasis is placed on both the man-land relationship and the concept of location. Three class and two laboratory hours per week. *Fall.*

**202. Introduction to Weather and Climate (4)** The interrelationship of weather elements and controls and the spatial distribution of climate and vegetation. Three class and two laboratory hours per week. *Spring.*

**212. Introduction to Economic Geography (3)** Factors in location and production of commodities, commerce and manufacturing.

**340. Geography of Population, Settlement and Migration (3) (=SSOC 375)** Births, deaths, migration and the distribution of human populations, and the analytical methods used in the study of each of these topics.

**424. Geography of North America (3)** Physical and cultural geography of North America with emphasis on the United States.

## Geology (SGEL)

**101. Physical Geology (4)** Methods and procedures of science for interpretation of the earth. The natural pro-

cesses and their products — the minerals, rocks, fossils, structure and surface forms of the earth are considered. Emphasis is placed on the interplay between hypothesis, experiment, and observable fact which characterize productive physical science. Three class and three laboratory hours per week. **Fall.**

**102. Historical Geology (4)** The practice of geology as an historical science with emphasis on the methods of analysis, nature of the record, and guiding principles that have allowed geologists to decipher the history of the earth. Three class and three laboratory hours per week. **Spring.**

**103. Environmental Earth Science (4)** Analysis of the basic energy cycles of the earth the interaction of human activity with earth processes to affect the environment. Three class and three laboratory hours per week.

**120. Geology of the Southeast (3)** Investigation of the geological processes responsible for the land forms and natural resources of the southeastern United States. Three class hours per week and field trips are required. **Fall, Summer.**

**121. Geology of North America (3)** Analysis of the geological history and development of the North American landmass, regions and resources. Comparison of similarities among regions, though formed at widely separated periods in earth history, will be emphasized. Three class hours per week and field trips are required. **Spring, Summer.**

**123L. Geology of National Parks - Field Study (1)** Developing field techniques in a national park setting. Principles of geology are reinforced in the classroom component followed by travel to a national park for geological research and the development of appropriate field notes. Prerequisite: SGEL 121 or consent of instructor. **Maymester or Summer.**

**131. Earth Resources (3)** Mineral, earth and water resources, with particular attention to their occurrence and use, and the interaction between geology and economics as limiting factors on resource development. Three class hours per week and field trips are required. **Fall.**

**310. Paleobiology (4)** Taxonomy and morphology of fossil organisms. Three class and three laboratory hours per week. Prerequisite: SGEL 102 or SBIO 102 or consent of instructor.

## German (SGRM)

*Note: Unless otherwise indicated, readings, lectures and discussion in foreign language courses above the elementary level are principally in the language concerned. Incoming students with previous experience in a foreign language must take a placement test.*

**101, 102. Introductory German (3,3)** Fundamentals of the language and culture through speaking, listening, reading and writing. Prerequisite for 102 is SGRM 101 or

placement through testing. SGRM 101: **Fall.** SGRM 102: **Spring.**

**105, 106. Introduction to Business German (3,3)** Basic oral and written language skills, as well as intercultural awareness necessary for the modern business environment. Prerequisite for 106 is SGRM 105 or consent of instructor.

**121. Elementary German (3)** Intensive review and continuation of basic grammar and vocabulary for fundamental communication skills. Placement in SGRM 121 assumes a minimum of two years high school level experience in the language.

**201. Intermediate German (3)** Review of the basic principles of the language, with emphasis on reading, writing, and oral skills. Prerequisite: SGRM 102 or 121 or placement through testing. **Fall, Spring.**

**202. Intermediate German (3)** Review of the basic principles of the language, with emphasis on writing, oral skills, and the reading of literary and other authentic texts. Prerequisite: SGRM 201 or placement through testing.

**204. German Culture (3)** Major artistic, literary and historical movements from the Middle Ages to modern times that have contributed to the German cultural identity. Taught in English. Prerequisite: SEGL 102 or consent of instructor.

**210. German Oral Communication (3)** Enhancement of oral expression through group discussion, oral presentations, and vocabulary development. Prerequisite: SGRM 202 or placement through testing. **Spring.**

**250. Selected German Studies Abroad (3-6)** Development of intermediate level communication skills together with immersion in the culture of a foreign country. Prerequisite: SGRM 102 or 121 or consent of instructor.

**308. Business German (3)** Elements of language centering on written business communication skills. Prerequisite: SGRM 202 or consent of instructor.

**310. German Conversation (3)** Advanced vocabulary development and acquisition of fluency through aural and oral activities. Prerequisite: SGRM 210 or placement through testing.

**325. Modern German Literature in Translation (3)** Masterpieces of German literature. The selection may include texts by T. Mann, Kafka, Brecht, Hesse and Grass. Taught in English. This course may not be used to satisfy a foreign language requirement. Prerequisites: SEGL 102 or consent of instructor.

**350. Selected German Studies Abroad (3-6)** Development of advanced level communication skills together with immersion in the culture of a foreign country. Prerequisite: SGRM 202 or 210 or 250 or consent of instructor.

**398. Topics in German Literature/Language (1-3)** Prerequisite: SGRM 202 or consent of instructor.

**399. Independent Study or Internship (1-3)** Supervised professional experience or research outside the classroom. For three internship credit hours, a student is to work 135 hours with an approved agency; for two credit hours, 90 hours; for one credit hour, 45 hours. For an internship or for an independent study, a contract must be signed by the student and by the instructor of record and other designated faculty and administrators. A student may repeat SGRM 399 once with a different internship or independent study contract description for a total of no more than six hours of undergraduate credit. Prerequisites: GPA 2.0 overall, 2.5 in foreign language course, and consent of faculty supervisor.

### **Government and International Studies (SGIS)**

**201. American National Government (3)** The formation and development of the national government, its organization and powers. *Fall, Spring, Summer.*

*Note: Government and International Studies 201 must be completed prior to enrolling in upper division government and international studies courses.*

**210. Research Methods in Political Science (3)** Various approaches to the rigorous study of political phenomena. The emphasis is upon the critical thinking and evaluative skills necessary to the understanding of politics. Among the techniques to be considered are surveys, charts and graphs, case studies, and statistical summaries. *Spring.*

**238. Fundamentals of Political Behavior (3)** Interpretation of the basic concepts relative to American political behavior. Focus on political ideology, political culture, including political socialization, and both individual and group political behavior. *Fall semester of even numbered years.*

**300. Introduction to Political Theory (3)** A survey of various concepts in western political philosophy such as political obligation, freedom, equality, justice, rights, authority, and power.

**301. Introduction to Political Science (3)** An introduction to ideas important in the study of politics. Topics include the concept of power and the nature of the state as seen in the ideologies of totalitarianism, fascism, socialism, communism, liberalism and pluralism. *Fall.*

**310. International Politics (3)** An introduction to the basic factors in influencing nation-state behavior in the world: the nation-state system, nationalism and imperialism, national power, and the present world crisis. The role of the United States in the world community is emphasized. *Spring.*

**320. Comparative Politics (3)** An introduction to the analysis of the major types of political systems utilizing examples drawn from democratic, communist and underdeveloped nation-states. Problems, approaches and methods associated with the comparative field are emphasized.

**326. Middle East Politics (3)** Comparative study of political processes within Middle Eastern countries and their relations with other states, particularly the United States. Prerequisite: SGIS 201.

**327. East Asian Politics (3)** Comparative study of political processes within East Asian countries and their relations with other countries, particularly the United States. Prerequisite: SGIS 201.

**330. International Organizations (3)** An introduction to the structure and functions of international political and economic organizations. Particular attention is given to the United Nations and its specialized agencies and to emerging regional communities.

**340. United States Foreign Policy (3)** Formulation of American foreign policy, problems of security, trade and diplomacy. Policies related to specific nation-states and regions will be emphasized. *Spring.*

**349. Woman As Citizen (3) (=SWST 349)** Critical analysis of Western political thought and the role played by gender in defining citizenship. Subjects include the public/private dilemma and women's citizenship status over time. Prerequisite: SGIS 201 or consent of instructor.

**350. Women and American Politics (3)** The participation of women in American political life and their influence in electoral politics and issue-based movements. *Spring.*

**360. American Political Parties (3)** The functions, history and future of political parties in the United States. Emphasis is on the development of political parties and the consequences of that development upon the party as an organization, the party as an electorate, and the party in the government. *Spring.*

**361. Political Behavior (3)** Political participation in the United States through such activities as interest groups, political protest, contacting officials, voting, running for office. Who participates and why, and the consequences of participation for policy decisions and for society are also examined.

**363. Southern Politics (3)** Selected political patterns and trends within the eleven states of the American South including historical developments since 1950. *Summer '01.*

**364. State and Local Government (3) (=SCRJ 364)** The institutions, functions, policy making processes, and politics of state and local governments including an examination of the relations between state and local government, and the relations between state and local government and the national government.

**365. Politics and Media (3) (=SJOU 365)** Interpretation of the pivotal role of media in contemporary American politics. Familiarizes the student with fundamental con-

cepts regarding the pervasive role of media in how it shapes our life, political ideology, political culture and political behavior. Prerequisite: SGIS 201 or permission of instructor. *Spring semester of even years.*

**370. Introduction to Public Administration (3) (=SCRJ 370)** The basic principles and theory of administrative structure, responsibility, and control in relation to policy making in the modern state.

**374. Introduction to Public Policy (3)** Social, political, and technical forces in policy making including various theories of public policy and inquires into selected policy areas. Current policy issues are included and integrated into the larger theories of decision making.

**380. Environmental Policy (3)** An investigation of American national and international issues relating to the ecological basis of human living. Special attention is on environmental issue-areas including air, water, forests, soil erosion, and wildlife as well as the impact of population, the economy, and technology on the quality of the environment.

**385. American Political Thought (3)** A survey of American political theorists from the colonial period to the present with an examination of the social, cultural, historical and scientific developments that have contributed to the nature of American political thinking.

**386. Art and Politics (3)** A presentation of the connection between art and political thought. The course focuses on architecture, painting, and music as they express political values and attitudes. Prerequisite: SGIS 201. *Fall every other year.*

**399. Independent Study (1-6)**

**403. History of Western Political Thought (3)** A survey of political theories propounded by western political philosophers from Plato to Nietzsche.

**420. Women and Politics: A Global Perspective (3) (=SWST 420)** Women's status and political activism around the globe. The focus is on similarities and differences and the bases for them. Prerequisite: SGIS 320 or consent of instructor. *Spring in odd years.*

**445. Public Policy Seminar: K-12 School Reform (3)** Examination of current K-12 school reform efforts as public policy initiatives. Analysis of various models and approaches as appropriate methods of stabilizing and changing public schools as institutions fundamental to American society. *Spring semester of odd numbered years.*

**450. Constitutional Law (3)** The evolution of governmental powers focusing on the judiciary, the presidency, congress, the states, and intergovernmental relations.

**451. Civil Rights and Civil Liberties (3) (=SCRJ 451)** Freedom of religion, freedom of speech and association,

due process, equal protection, and criminal procedure. *Summer '01.*

**452. The Judicial Process (3) (=SCRJ 452)** The growth of law, the lawmaking of the courts, the structure and organization of federal and state courts, the procedures involved in civil and criminal cases, and the problems and proposals for reform in the administration of justice.

**460. International Law (3)** History and basic principles of law among nation-states. Emphasis is upon the scope of international law and the extent to which law shapes the behavior of international actors.

**462. The Legislative Process (3)** Structure, organization, powers, functions and problems of legislative bodies. *Spring.*

**463. The American President (3)** The constitutional powers and political roles of the president with lesser emphasis upon state governors. Emphasis is placed on the chief executive and administration, executive relationships with legislatures, and party and popular leadership by the executive.

**491. Topics in Government and International Studies (1-3)** May be repeated once as topics change. *Summer.*

**495. Political Science Internship (1-6)** Supervised work experience in a political or governmental environment. A minimum of three hours work per week is required for each credit hour. Students are required to meet periodically with the supervising faculty member. Prerequisites: junior or senior standing and consent of the instructor. Students are limited to a maximum of six hours combined from SGIS 495 and 496.

**496. Public Administration Internship (1-6)** Supervised work experience in a public administration environment. A minimum of three hours work per week is required for each credit hour. Students are required to meet periodically with the supervising faculty member. Prerequisites: junior or senior standing and consent of the instructor. Students are limited to a maximum of six hours combined from SGIS 495 and 496.

**500. Senior Seminar (3)** Exploration, at an advanced level, of issues, topics and dilemmas in both the subject matter and the profession of political science with emphasis on research and oral presentation of research findings. The specific topics covered in the course vary. Prerequisites: 12 hours of SGIS at the 300-level or above, or consent of instructor. *Fall, Spring.*

**571. Public Financial Administration (3)** Principles and practices of financial administration including organization, budgeting, assessment, treasure management, and debt.

**572. Public Personnel Management (3)** Fundamental principles of personnel organization and administration, including an analysis of personnel techniques.

## Healthcare Information Management and Systems (SHIM)

**201. Understanding Healthcare Organizations (3)** Introduction to origins and evolution of current healthcare delivery systems and organizational structures, healthcare terminology and language structures, common usage, acronyms, and basic uses of information in a variety of healthcare settings. Topics also include introduction to levels of information users and information needs within a variety of healthcare organizations. Prerequisites: SCSC 138, SIMS 201, or consent of instructor. *Spring.*

**301. Healthcare Information Systems (3)** Introduction to healthcare information systems to include management and administration information systems, clinical information systems, business information systems, decision support, critical care applications, information systems in education, and emergent system applications. Particular emphasis is placed on automation required for the emerging "paperless" environment and computer-based records. Prerequisite: SHIM 201 or consent of instructor. *Fall.*

**302. Information Trends in Healthcare Systems (3)** Data, knowledge, and information structures, terminological control, index language functions, regulatory determinants of data collected/stored (ex. JCAHO/HIPPA, etc.), including study of language development in healthcare systems evolution. Prerequisite: SHIM 301 or consent of instructor. *Spring.*

**311. Organizational Issues in Healthcare Information Management (3)** Project planning, implementation, management, healthcare environment issues, change management. Special emphasis is placed on communication skill development necessary to enable the student to understand and address information needs of all levels of information users within and among healthcare institutions. Prerequisites: SHIM 302 and SSPH 448; or consent of instructor. *Fall.*

**412. Ethics and Risk Management in Healthcare Information Systems (3)** Selected ethical issues, confidentiality, preservation and conservation of sensitive data, data maintenance and integrity preservation. Prerequisites: SPHL 310 or 311 and SHIM 302. *Spring.*

**413. Network Applications for Healthcare Information Systems (3)** Understanding LAN/WAN uses and functions in healthcare systems. Students will explore various network applications in healthcare settings to include WAN utility, wireless LAN and Intranets. Also emphasized is the emergent nature of network applications in various healthcare systems. Prerequisites: SCSC 412 and SIMS 415. *Fall.*

**450. Healthcare Database Systems and Information Retrieval (3)** Database formats and structures, query techniques, document classification, managing large data collections, statistical applications in data management. Emphasis is placed on the discovery of methods to capture

data is an important institutional resource through efficient management of databases and data repositories, and on the importance of data collections that provide accurate outcome assessment. Prerequisite: SIMS 521. *Spring.*

**496. Special Topics (3)** Study reflective of current issues/topics related to the field of healthcare information management. Topics might include (but are not limited to) emergent technology in healthcare settings such as user interface design, expert system evolution, virtual environments, soft computing/fuzzy logic applications, artificial intelligence. Topics chosen for study in a given semester will be determined by the state of the science at the time of the offering. Prerequisite: Completion of 12 hours SHIM courses. *Fall, Spring.*

## Health Education (SHED)

**170. First Aid (3)** Instruction leading to basic certification in standard first aid and cardiopulmonary resuscitation. Discussion of HIV/AIDS and back injury prevention is also included. *Fall.*

**221. Lifelong Health and Wellness (3)** Wellness and fitness trends in America. Self-assessment of health status concepts, human sexuality, health promotion strategies (physical fitness, stress management, nutrition, weight control) and health maintenance of major life style diseases (Cardiovascular disease, cancer, diabetes mellitus, HIV, substance abuse). *Fall, Spring, Summer.*

**331. Health and Physical Education for the Elementary School Child (3)** Methods and materials for teaching health and physical education in the elementary school including integration and correlation of materials with other subjects at primary and intermediate grade levels. *Fall, Spring, Summer.*

**400. Wellness: Diagnosis and Prescription (3)** Assessment techniques, theoretical frameworks, and methodology used in the diagnosis of an individual's level of wellness. An interpretation of the diagnoses is used to develop individual programs. *Spring.*

**434. The School Health Program (3)** Methods of teaching health with special emphasis on the relationship of health to physical education. Health service, healthful school living, and methods and materials of teaching health are included. Prerequisites: SHED 221, SBIO 232 and SBIO 242.

## History (SHST)

**110. Introduction to American History (3)** The development of United States society from pre-Columbian times to the present, emphasizing the development of social, political, and economic institutions that have shaped contemporary society.

**111. Introduction to European History (3)** Changes, continuities, and characteristics of Europe with emphasis

upon the period from the Renaissance to the present. *Fall, Spring, Summer.*

**112. An Introduction to Non-Western Civilizations (3)** A survey of the major developments and characteristics of non-western civilizations and cultures in Asia, Africa, and the Americas. *Fall, Spring, Summer.*

*Note: the prerequisite for all upper division history courses is any 100-level history course or the consent of the instructor.*

**301. History of the United States to 1877 (3)** The indigenous peoples, the era of discovery, and the nation from Independence to the end of Reconstruction, emphasizing major political, economic, social, and intellectual developments. *Summer.*

**302. History of the United States since 1865 (3)** The rise of modern America after the Civil War, emphasizing the political, social, economical, and intellectual trends that contributed to the development of contemporary society.. *Summer.*

**303. Colonial America (3)** The exploration and colonization of North America from the sixteenth century through the end of the American Revolution. The subject matter includes Native American societies, the collision of cultures, family life and labor, colonial administration, international rivalries, and the move toward national independence. *Every other Fall.*

**304. The United States from Independence to the Civil War (3)** The political, social, economic, geographic, and intellectual development of the United States from the end of the colonial period to the onset of the Civil War. *Every other Spring.*

**305. Civil War and Reconstruction, 1860-1877 (3)** The political, social, military, and economic history of the war and the struggle to rebuild the nation in its aftermath. *Summer.*

**306. The Making of the Modern United States, 1877 to 1945 (3)** The transformation of modern America into an industrial giant and world power between the end of Reconstruction and the end of World War II, covering economic, social, political, intellectual, and cultural developments. *Every other Spring.*

**307. United States History since 1945 (3)** The emergence of the United States as a global power since the end of World War II, and the political and social struggles in contemporary society. *Spring.*

**310. African-American History to 1865 (3)** The African background, origins of slavery, the rise of the free black community, and African Americans as actors in the political, economic, social, and cultural history of the United States to the end of the Civil War. *Fall, Summer.*

**311. African-American History since 1865 (3)** Emancipation, Reconstruction, and the development of the black community since 1865, focusing on the struggle for autonomy and equal rights through the actions of African Americans in the political and economic arenas and through the intellectual traditions of African Americans.

**312. American Military History (3)** United States involvement in armed conflicts from the colonial period to the present. Subjects covered include the evolution of warfare, the place of the military in society, and the development of professionalism in American forces. *Spring.*

**313. The Vietnam War (3)** The causes, major events, and impact of the Vietnam War viewed in a cross-cultural context. *Spring.*

**320. The South to 1865 (3)** The southern United States from the colonial era to the end of the Civil War, emphasizing the development of regionally distinct political, social, economic, and cultural characteristics and institutions. *Every other Fall.*

**321. The South since 1865 (3)** The southern United States from the era of Reconstruction to the present. Topics include the tension between an increasingly national focus in economics and politics and the desire to maintain local social control. The question of the persistence of a southern identity is central. *Every other Spring.*

**322. History of South Carolina, 1670 to the Present (3)** The origins and development of South Carolina from colonial times to the present with emphasis on the unique role the state has played in the nation's history.

**323. Our Past: Upstate History (3)** Local history, focusing on Greenville, Spartanburg, and Cherokee Counties. Public/applied history techniques and projects are included. *Spring.*

**330. Early Mediterranean Empires (3)** Peoples in trade, politics, culture, and society in the Mediterranean region through the rise of the Byzantine Empire. Significant attention is given to the Egyptian, Persian, and Byzantine Empires with the main emphasis on Greece and Rome. *Every other Fall.*

**331. Medieval Society and Religion in Europe (3)** Formation of the Latin West, medieval Europe at its height (1100-1350) and its subsequent disintegration and transformation. Significant attention is paid to all strata of society and the social, political and cultural role of the Catholic Church. *Every other Spring or Summer.*

**332. Renaissance and Reformation in Europe (3)** Economic, political, social and cultural developments in Italy in the fourteenth and fifteenth centuries; their spread north and collision with the new ideas released in the Protestant revolt of the sixteenth century. Significant attention is given to the religious wars of the late 1500s and early 1600s. *Every other Fall or Summer.*



**333. From Absolutism to Revolution in Europe (3)** Social, economic, cultural and political transformation of Europe from the *Ancien Régime* through the liberal and national revolts of 1848. *Every other Spring.*

**334. Totalitarianism and Democracy in Modern Europe (3)** France, Germany, Spain, Italy and Russia from Bismarck to the present. Significant attention is given to politics, culture, living conditions, economics, and intellectual trends. *Every other Fall or Summer.*

**335. Ethnic Nationalism in Modern Europe (3)** Special attention to the society, culture and politics of East-Central Europe under Hapsburg, Romanov, and German rule. Topics include World Wars, the dissolution of empires and independence. *Every other Spring.*

**340. Germany since 1870 (3)** Cultural, political, intellectual and social impact of unification, World War I, the Weimar Republic, the Third Reich, East and West Germany, and reunification. *Every other year in Fall or Spring.*

**341. History of Modern Russia (3)** Political, economic, social and cultural developments from the mid-nineteenth century through the present. *Every other year in Fall or Spring.*

**342. Great Britain to 1660 (3)** Social, economic, legal, and political impact of Roman, German, Viking and Norman invasions and subsequent development of a medieval and early-modern British kingdom. *Every other Fall.*

**343. Great Britain since 1660 (3)** Change and continuity in British society, economics, law, politics, culture, religion, and thought from the late seventeenth century to the present. *Every other Spring.*

**344. Reformation and Renaissance in the British Isles (3)** English, Scottish, Irish and Welsh political, religious, cultural and intellectual life in the sixteenth century. *Every other Fall.*

**345. British Rebellions and Revolutions (3)** Multiple kingdoms, rebellion in the 1640s, scientific advancements, religion, culture, society, 1688 Revolution and the 1707 Treaty of Union. *Every other Spring.*

**346. Britain as a World Power (3)** First and Second Empires, change and continuity in industry, society, economics, politics, and religion from 1707 through the Victorian period. *Every other Fall.*

**350. Genocides in Europe (3)** Causes, comparisons, and consequences of ethnic cleansing and genocide from the late nineteenth century through the present. Significant attention is paid to the Jewish Holocaust in World War II. *Every other Fall or Spring.*

**351. Women in Early Modern Europe and America (3)** Changing notions of the female body and women's roles as lovers, housewives, mothers, philosophers, consumers, workers, saints and potential citizens in pre-industrial, commercial and early industrial Europe. *Every other Fall.*

**352. Women in Modern Europe and America (3)** Industrialization, changing images of the female body, radical and reform movements, war, economic depression, citizenship, race, professionalization, women's unwaged as well as wage labor, and effect of occupational choice upon women's social roles. *Every other Spring.*

**360. Africa to 1800 (3)** Traditional culture, early civilizations, rise of Islam, Sudanic empires, and the slave trade era.

**361. Africa since 1800 (3)** Commercial and religious revolutions of the 19th century, partition, colonial rule, post-independence, and South Africa.

**370. History of China (3)** The cultural, economic, social, and political development of China with emphasis on the transformation of traditional Chinese society from 1644 to the present.

**371. History of Japan (3)** The cultural, economic, social, and political development of Japan with emphasis on the transformation of traditional Japanese society from 1600 to the present. *Spring.*

**372. History of India (3)** The cultural, economic, social, and political development of India with emphasis on Hindu and Islamic influences, the rise of nationalism during the period of British rule, and post-independence India.

**380. Latin American to 1830 (3)** Indigenous cultures, the Spanish and Portuguese presence in the Caribbean, South America and Mesoamerica through independence.

**381. Latin American since 1830 (3)** The national period, cultural identity, economic growth, and the struggles for political stability and against militarism.

**390. Foundations of a Global Society to 1800 (3)** Early interaction among major world areas; the beginning of European maritime expansion in the fifteenth century; the establishment of colonial and commercial empires; the slave trade era; and the political, economic, and cultural consequences of these developments to the early nineteenth century.

**391. Emergence of a Global Society since 1800 (3)** Developments since the late eighteenth century, including the impact of population increase and migration, the imperialism of the later nineteenth century and the nature and consequences of the colonial era that followed, the transition to independence, continuing technological innovation and the interconnectedness of the contemporary world.

### 399. Independent Study (1-6)

**491. Topics in History (3)** Reading and research on selected historical subjects. Prerequisite: Any lower division history class or consent of instructor.

**492. Topics in United States History (3)** Reading and research on selected historical subjects related to the history of the United States. Prerequisite: U.S. history at the 300-level or consent of instructor.

**493. Topics in European History (3)** Reading and research on selected European subjects.

**494. Topics in Non-Western History (3)** Reading and research on selected Non-Western subjects. *Spring.*

**495. Topics in African-American History (3)** Reading and research on selected historical subjects related to the African-American experience. Prerequisite: SHST 310, SHST 311, or consent of instructor.

**496. Topics in Women's History (3)** Reading and research on selected subjects in women's history. Prerequisite: Any lower division history class or consent of instructor.

**500. Senior Seminar (3)** Exploration, at an advanced level, of issues, topics and dilemmas in both the subject matter and the profession of history with emphasis on research and oral presentation of research findings. The specific topics covered in the course vary. Prerequisite: 12 hours of SHST at the 300 level or above, or consent of instructor. *Fall, Spring.*

### Information Management and Systems (SIMS)

**201. Concepts of Information Management and Systems (3)** Theoretical foundations of organization of information; cognitive structures and processing of data, information, knowledge, and understanding information uses and users. The integrated and interdisciplinary nature of information science and computer science is introduced and developed through case studies and examples from concentration disciplines: business, education, communication, and healthcare settings. Prerequisite: SCSC 138. *Spring.*

**211. Microcomputer Organization (3)** Introduction to the major features of operating system software, the primary functions of CPU's, bus architectures, secondary storage devices, peripheral devices, hardware and software configuration. The goal is the assembly and disassembly of microcomputer systems and installation of operating systems, network operating systems, and applications software. *Spring.*

**345. Technical Presentation and Communication (3)** Communication technologies in the workplace such as Power Point, Lotus, Freelance, and HTML. Prerequisites: SCSC 138 and SSPH 201. *Spring.*

**346. Communication and New Technology (3)** Understanding the components of various technologies and their importance in information management and dissemination within and outside the organization. Prerequisite: SCSC 138.

**415. Wide Area Networks and the Internet (3)** Concepts of digital data communication techniques, telecommunication standards, data transmission, security, routing and switching, transport protocols, WAN design and management, internetworking, and trends. Prerequisites: SCSC 234 and SIMS 211 or SCSC 241 or consent of instructor. *Spring.*

**498. Experiential Learning in Information Management and Systems (3)** The application of learning in a professional setting. To complement and strengthen the Information Management and Systems academic program, students will complete a planned program of observation, study, and work in selected organizations with information management & systems offices. Student will have an opportunity to apply and articulate what they have learned in the classroom. Prerequisites: IMS major, senior standing and approval of instructor.

**499. Senior Seminar in Information Management and Systems (3)** Integration of knowledge in information management and systems. Students will study and evaluate current innovations in technology and current applications of these systems. Case studies involving information systems technology will be used. Students will research and present new trends in technology. Students will experience an intensive and practice exercise in scholarship production. Class discussion will foster effective and creative implementation of research strategies, writing abilities, documentation procedures, portfolio development, and presentational skills. Prerequisites: Senior standing, completion of technology core, and at least 12 hours in the concentration; and consent of instructor. *Spring.*

**521. Database Applications and Implementation (3)** Database client/server applications development. Use of GUI (Graphical User Interface) development tools, such as PowerBuilder or Visual Basic, for developing database applications on various database platforms as indicated through a survey of interested companies. Prerequisite: SCSC 520. *Fall.*

### Journalism (SJOU)

**301. Survey of Mass Communications (3)** Survey of the principles, philosophies, policies and practices of the mass media with an overview of the print media, the broadcast media, and advertising/public relations. Prerequisite: SEGL 102. *Fall, Spring.*

**302. History of Journalism (3)** The development of mass media from the colonization of America to the present. The interrelationships between print media and American

social, cultural, economic and political issues are explored, with some examination of how these interrelationships influenced the development of twentieth century non-print media. Prerequisite: SEGL 102.

**303. Law and Ethics of the Mass Media (3)** South Carolina and federal law relating to mass communications, the Internet, and the ethics of the journalistic profession. Prerequisite: SJOU 301 or consent of instructor.

**304. Writing of the Media (3)** Writing for print, broadcasting, public relations, the Internet, both news and non-news. Using word processors, students prepare exercise and copy both in class and out of class on set deadlines. Prerequisite: SEGL 101. *Fall, Spring, Summer.*

**310. Mass Media and Society (3)** How mass media function and influence today's world. The interaction of mass media and contemporary culture is explored through an analysis of media examples. Prerequisite: SEGL 102.

**311. Newspaper Practicum I (1)** Hands-on journalism experience by completing basic news stories for The Carolinian. Prerequisites: SEGL 102 and consent of instructor. *Fall, Spring.*

**312. Newspaper Practicum II (1)** Hands-on journalism experience by completing complex news stories for The Carolinian, i.e., stories with multiple sources that require in-depth reporting. Prerequisites: SJOU 311 or consent of instructor. *Fall, Spring.*

**313. Newspaper Practicum III (1)** hands-on journalism experience by completing complex news stories and opinion pieces for The Carolinian and editing the work of others. Prerequisites: Consent of instructor and either SJOU 333 or SJOU 335. *Fall, Spring.*

**325. Speech for Radio and Television (3) (=SSPH 325)** Principles, standards and skills for broadcast speech in varied formats. Focus areas include pronunciation, enunciation, rate of delivery, pitch, inflection, and use of appropriate terminology in scripted and ad lib delivery. Prerequisites: SSPH 201 and 340.

**326. Motion Picture and Video Techniques (3)** Production techniques used in preparing film and videotape. Prerequisite: SJOU 301. *Fall.*

**328. Public Relations and Persuasion (3)** An analysis of the influencing of public opinion by business, government, consumer groups, minorities, environmentalists, and others. Prerequisite: SEGL 102.

**333. Newswriting and Reporting (3)** Practices in print journalism. Using typewriters or word processors, students prepare copy in class against set deadlines. Prerequisites: SJOU 301 or consent of instructor. *Fall.*

**334. Writing for Broadcasting (3)** Writing commercials, news stories, interview programs, documentaries for ra-

dio, television and film. Using typewriters or word processors, students prepare copy in class against deadlines. Prerequisites: SJOU 301 or consent of instructor, and typing proficiency. *Spring.*

**335. Feature Writing (3)** Focus on producing specialized articles on topics selected from such areas as public or community affairs, business, entertainment, science, sports, medicine and education. Using word processors, students prepare copy in class against set deadlines. Prerequisite: SJOU 301 or consent of instructor.

**365. Politics and Media (3) (=SGIS 365)** Interpretation of the pivotal role of media in contemporary American politics. Familiarizes the student with fundamental concepts regarding the pervasive role of media in how it shapes our life, political ideology, political culture and political behavior. Prerequisite: SGIS 201 or permission of instructor. *Spring semester of even years.*

**398. Special Topics in Journalism (3)** A specific area or media field is explored relating to the professional responsibilities of the journalism student looking toward the career marketplace. Prerequisite: SJOU 301.

**424. History of American Broadcasting (3)** The American system of broadcasting, with emphasis on the chronological, structural, economic, social and cultural development of radio and television. Prerequisite: SEGL 102. *Spring.*

**426. Advanced Video Production (3)** Crew assignments during on-air taping and independent group projects involving pre-production, production, and post-production. "Hands on" experience will be augmented by demonstrations, lectures, and readings. This course will be held in the WRET studio in the USCS Media Building. Prerequisite: SJOU 326 or previous video or photography experience and permission of Chair, Fine Arts, Languages, & Literature. *Spring.*

**430. Media Management (3)** Procedures, problems, and concerns relating to the administration and management of media agencies—print, broadcast, advertising, and public relations. Prerequisite: SEGL 102.

## Logic (SLGC)

**205. Introduction to Logic and Rhetoric (3) (=University 301)** The identification and evaluation of reasoning as it occurs in natural language uses. The techniques of careful reading and clear writing are demonstrated through the production of critical essays. Two lecture and one laboratory hour per week. Prerequisite: SEGL 102. *Spring.*

**207. Deductive Logic (3)** An examination of deductive arguments through the use of Aristotelian logic and propositional logic. *Fall, Summer.*

**208. Inductive Logic (3)** The nature of arguments expressing inductive inferences. Included are the problem

of induction, the probability calculus, the logic of experimentation, statistical inference, and decision-making models. Prerequisite: SLGC 205 or consent of instructor.

**307. Advanced Symbolic Logic (3)** Advanced study of formal logic using propositional logic and predicate calculus. Prerequisite: SLGC 207 or consent of instructor.

## Mathematics (SMTH)

*Note: The appropriate entry level in mathematics is determined by the student's intended major and a mathematics placement examination given to all entering freshmen. Placement testing is also encouraged for transfer students who have not completed their general education mathematics requirements. Students who do not demonstrate competence equivalent to high school Algebra II on the mathematics placement examination should enroll in Algebra II (Mathematics 099).*

*Majors in the natural or computer sciences or mathematics who (1) have completed three years of college preparatory mathematics and have demonstrated competence on the mathematics placement examination; or (2) have successfully completed Mathematics 099, should enroll in Mathematics 121, 126 or 127 as appropriate. Students who have demonstrated competence in college algebra can take Mathematics 127 to meet the calculus prerequisite. Those who need both college algebra and trigonometry have the option of taking Mathematics 121 or 126 and Mathematics 127. Upon successful completion of one of the precalculus options, students should enroll in Mathematics 143. Those who have completed four years of college preparatory mathematics, including trigonometry, and have demonstrated competence on the mathematics placement examination, should enroll in Mathematics 143.*

*Students not majoring in the natural or computer sciences, who have successfully completed high school Algebra I and II, and have demonstrated competence on the mathematics placement examination, should enroll as follows: business administration majors in the Mathematics 121, 122 sequence; elementary education majors in Mathematics 120 or 121, and Mathematics 301 in sequence; other majors in a course numbered 120 or above as determined by their advisers.*

**099. Algebra II (3)** Exponents, roots, radicals, linear and quadratic equations, inequalities, systems of equations, exponentials and logarithms, concepts of functions; the graphing of linear, quadratic, exponential, and logarithmic functions; the reading, analyzing, and solving of word problems. Students are required to take a departmental final exam. This course may not be used for degree credit. (Offered by Spartanburg Tech at USCS) *Fall, Spring.*

**120. College Mathematics (3)** Basic concepts of elementary algebra, subsets of the Cartesian plane; rational, exponential, and logarithmic functions, arithmetic and geometric series; simple and compound interest, annuities; fundamentals of probability and statistics. Only one of SMTH 120, 121 and 126 may be used to satisfy a mathematics requirement for general education or major credit. Prerequisites: appropriate score on placement test and high school Algebra I and II; or Mathematics 099. For students who need a more intensive study, College Math-

ematics (SMTH 120A) with a mandatory noncredit one hour lab, is also available. SMTH 120A is open to students who have an appropriate score on the placement test or if the student, in consultation with his or her advisor, determines that extra instruction is needed in order to succeed in SMTH 120. *Fall, Spring, Summer.*

**121. College Algebra (3)** Equations and inequalities, graphing, polynomial, rational, exponential, logarithmic, and other functions; matrices and systems of equations. Only one of SMTH 120, 121 and 126 may be used to satisfy a mathematics requirement for general education or major credit. Prerequisites: appropriate score on placement test and high school Algebra I and II; or Mathematics 099.<sup>1</sup> For students who need a more intensive study, College Mathematics (SMTH 121A) with a mandatory noncredit one hour lab, is also available. SMTH 121A is open to students who have an appropriate score on the placement test or if the student, in consultation with his or her advisor, determines that extra instruction is needed in order to succeed in SMTH 121. *Fall, Spring, Summer.*

**122. Calculus for Management and Social Sciences (3)** Derivatives and integrals of elementary algebraic, exponential and logarithmic functions; maxima, minima, rate of change, area under a curve, and volume. Problems and examples are drawn from a variety of areas which include economics, psychology, biology, geography, and geology. Prerequisite: SMTH 121, 126 or eligibility for exemption from SMTH 121. *Fall, Spring, Summer.*

**126. Precalculus I (3)** Subsets of the real number line; polynomial, rational, absolute value, exponential and logarithmic relations and functions. Only one of SMTH 120, 121 and 126 may be used to satisfy a mathematics requirement for general education or major credit. Prerequisites: appropriate score on placement test and three years of college preparatory mathematics.<sup>1</sup> *Fall, Spring, Summer.*

**127. Precalculus II (3)** Trigonometric functions, trigonometric identities, solution of equations and triangles, inverse trigonometric functions, vectors, polar coordinates; analytic geometry. Prerequisite: appropriate score on placement exam or consent of instructor. Prerequisite or Corequisite: SMTH 126. *Fall, Spring, Summer.*

**143. Calculus I (3)** Brief review of real numbers, sets, inequalities, absolute value, elementary analytic geometry; functions, limits, continuity, the derivative, and differentiation with applications in the natural sciences and engineering. A computer laboratory is included. Prerequisites: appropriate score on placement test and four years of college preparatory mathematics including trigonometry; or SMTH 126 and 127. *Fall, Spring, Summer.*

**144. Calculus II (3)** Definite and indefinite integrals, techniques of integration, and application of integration. A computer laboratory is included. Prerequisite: SMTH 143. *Fall, Spring.*

**174. Elements of Discrete Mathematics (3)** Basic topics from the study of matrices, combinatorics, recursion,

graphs, trees, finite automata, Boolean algebra, and formal languages. Prerequisite: high school precalculus mathematics, or SMTH 126 or equivalent, or consent of the instructor. *Fall, Spring, Summer.*

**198. Seminar in Strategies of Problem Solving (1)** An introduction to mathematical probing and experimentation in problem solving; the principle of mathematical induction, various strategies of problem solving emphasizing analysis, exploration and verification of results. Attention is also given to the language and logic necessary for the communication of the solution of a problem. Prerequisite or corequisite: SMTH 143. *Spring.*

**201. Elementary Statistics (3)** The fundamentals of modern statistical methods, descriptive and inferential statistics, probability and sampling; primarily for students in fields other than mathematics who need a working knowledge of statistics. Prerequisites: high school Algebra I and II, or equivalent. *Fall, Spring, Summer.*

**202. Elementary Statistic II (3)** An expansion of topics taught in the first semester of elementary statistics such as hypothesis testing; inferences; correlation and regression. Additional topics to be covered include: multinomial experiments and contingency tables; analysis of variance; statistical process control; and individual projects. Prerequisites: SMTH 201, or SECO 291, or SSOC 201, or SPSY 225. *Fall, Spring.*

**221. Basic Concepts of Elementary Mathematics (3)** The meaning of number, fundamental operations of arithmetic, the structure of the real number system and its subsystems, elementary number theory. Open only to students in early childhood and elementary education. Prerequisite: Grade of C or better in SMTH 120 or other appropriate level college math course or consent of the instructor. *Fall, Spring, Summer.*

**222. Basic Concepts of Elementary Mathematics (3)** Informal geometry and basic concepts of algebra. Open only to students in early childhood and elementary education. Prerequisite: Grade of C or better in SMTH 221 or consent of instructor. *Fall, Spring, Summer.*

**243. Calculus III (3)** Improper integrals, parametric equations, polar coordinates, infinite sequences and series, and differential equations. Prerequisite: SMTH 144. *Fall, Spring.*

**244. Calculus IV (3)** Geometry of three-dimensional space, vectors, partial differentiation, cylindrical and spherical coordinates, and multiple integration. Prerequisite: SMTH 243. *Fall, Spring.*

**245. Elementary Differential Equations (3)** Ordinary differential equations of first order, higher order linear equations, Laplace transform methods, series methods; numerical solutions of differential equations; applications to the physical sciences and engineering. Prerequisite: SMTH 243. *Spring.*

**315. Statistical Methods I (3)** Concepts and methods of statistics with emphasis on applications for those who desire a working knowledge of statistics; review of probability, sampling, and descriptive statistics; study of estimation of population parameters, testing statistical hypotheses, regression and correlation, and non-parametric statistical tests. Prerequisite: SMTH 201 or 143, or SECO 291, or SSOC 201, or SPSY 225, or consent of the instructor. *Fall.*

**344. Matrix Algebra (3)** Matrices, systems of linear equations, vectors, Euclidean vector spaces, linear transformations, eigenvalues and eigenvectors. Prerequisites: SMTH 243 or consent of instructor. *Spring.*

**340. Mathematical Structures and Proof (3)** Topics in set theory, logic, elementary application of logic, methods of mathematical proofs, equivalence relations and partial orderings, functions and mappings, and number systems. Prerequisite or Corequisite: SMTH 243. *Spring.*

**346. Introduction to Modern Algebra (3)** Introduction to groups, rings and fields. Topics covered include permutations, Lagrange's theorem, the fundamental homomorphism theorem, Cayley's theorem, polynomial rings, and Abelian groups. Prerequisites: SMTH 340 or consent of instructor. *Fall.*

**354. Real Analysis I (3)** Ordered field properties of the real number system; completeness; theory of limits of sequences, series and functions; continuity (including uniform continuity); introduction to theory of the derivative. Prerequisites: SMTH 340 or SMTH 243 or consent of instructor. *Fall odd years.*

**374. Theory of Discrete Mathematics (3)** Topics selected from theoretical Boolean algebra, algebraic structures, theory of computing, advanced set theory, and recursive functions. Prerequisites: SMTH 243, or both 144 and 174, or consent of the instructor. *Spring.*

### **399. Independent Study (1-9)**

**501. History of Mathematics (3)** A survey of the major developments and procedures of mathematics, from its origins to the modern era, relating development with the diverse cultures and the aspects of mathematics they contributed. Prerequisites: SMTH 144 or consent of instructor.

**512. Probability and Statistics (3)** Sample spaces and probability, conditional probability and independence, discrete and continuous random variables, probability distributions, expectations, correlation, sampling and sampling distributions, interval and point estimation, the law of large numbers, limiting distributions, and order statistics. Prerequisite: SMTH 244 or consent of the instructor.

**516. Statistical Methods II (3)** Experimental design, analysis of variance, analysis of covariance, multiple

linear regression, and curvilinear regression. Prerequisite: SMTH 315 or consent of the instructor. **Spring.**

**531. Foundations of Geometry (3)** Geometry as a logical system based upon postulates and undefined terms; fundamental concepts and relations of Euclidean geometry developed rigorously on the basis of a set of postulates; some topics from non-Euclidean geometry. Prerequisite: SMTH 340 or consent of the instructor. **Fall.**

**544. Linear Algebra (3)** Vector spaces, and subspaces; bases and dimension; change of bases; linear transformations and their matrices; diagonalization; canonical forms; bilinear forms; eigenspaces. Prerequisite: SMTH 344. **Fall.**

**546. Algebraic Structures (3)** Advanced topics in groups, rings and fields. These topics include polynomial rings, ideals, integral domains, extension field, isomorphism theorems for groups, and p-groups. Prerequisite: SMTH 346. **Spring.**

**552. Complex Variables (3)** Complex numbers and functions, complex integration, Taylor and Laurent series, residues, and conformal mapping. Prerequisite: SMTH 340 or consent of the instructor.

**554. Real Analysis II (3)** Further development of the theory of differential and integral calculus including properties of the derivative and integral, fundamental theorem of calculus, sequences and series of functions. Prerequisite: SMTH 354. **Spring '02.**

**560. Numerical Analysis I (3) (=SCSC 560)** Difference calculus; direct and iterative techniques for matrix inversion; eigenvalue problems; numerical solutions of initial value problems in ordinary differential equations; stability; error analysis; laboratory applications. Prerequisites: SMTH 245, 344 and programming competency.

**598. Topics in Mathematics (3)** Intensive study in an area of pure or applied mathematics such as mathematical modeling. Topics are selected to meet current faculty and student interest. Prerequisite: SMTH 243 and consent of the instructor. **Fall, Summer.**

**599. Seminar in Mathematics (3)** Recent developments in pure and applied mathematics at an advanced level; ethical issues; and experience in research and oral presentation. Prerequisite: Senior Standing. Prerequisites or corequisites: SMTH 344, SMTH 346, and either SMTH 315 or SMTH 512. **Spring.**

## Military Science (SMIL)

*Note: Military Science offers a Basic Program and Advanced Program. There are no prerequisites for the courses offered under the Basic Program. Courses may be taken in any order, but it is recommended that the 100 level courses be taken prior to the 200 level courses. Prerequisites for entering the Advanced Program include one of the following: satisfactory completion of six semes-*

*ter hours in the Basic Program, 90 contact hours in ROTC activities, substitute military experience (Basic Training/Advanced Individual Training), or three years of JROTC. Successful completion of the Advanced Program, together with a college degree, qualifies the graduate for either a Reserve or Regular Army Commission as a Second Lieutenant in the U.S. Army. Advanced Program students are required to participate in the weekly Military Science Lab. Students in the basic program are encouraged to participate in the department's adventure training.*

## Basic Program

**111. Introduction to Military Leadership I (1)** Basic orientation to ROTC and the U.S. Army. Topics include leadership, the role and structure of the Army, military customs and courtesies, basic marksmanship and map reading. Leadership labs are optional. **Fall.**

**112. Introduction to Military Leadership II (1)** Basic orientation to ROTC and the U.S. Army. Topics include leadership, map reading, land navigation, and development of skills to work effectively as a member of a team. Leadership labs are optional. **Spring.**

**211. Basic Military Leadership I (2)** Basic leadership training. Topics include basic principles of effective leadership, leadership behaviors and attributes, basic survival skills, basic individual soldier skills and land navigation. Laboratory optional. **Fall.**

**212. Basic Military Leadership II (2)** Effective leadership and development. Topics include Army values and ethics, the principles of war, principle-centered leadership, troop-leading procedures, problem-solving techniques, individual tactical skills and orientating. One leadership laboratory is required. **Spring.**

## Advanced Program

**301. Intermediate Military Leadership I (3)** Comprehensive instruction in leadership and management skills. Topics include map reading and land navigation, squad and platoon tactics, first aid and communications. Two weekend leadership labs are required. Prerequisite: six semester hours in the Basic Program, or 90 contact hours in ROTC activities, or substitute military experience, or three years of JROTC. **Fall.**

**302. Intermediate Military Leadership II (3)** Development of basic military skills for Advanced Camp at Fort Lewis, Washington. Instruction includes offensive and defensive squad tactics, operations orders, and military briefings. Two weekend leadership laboratories are required. Prerequisite: SMIL 301. **Spring.**

**401. Advanced Military Leadership I (3)** Comprehensive instruction on leadership, principles of war, the law of war, military ethics, and professionalism, including challenges and global threats to the U.S. Two weekend leadership laboratories are required. Prerequisite: SMIL

302 and successful completion of ROTC Advanced Camp.  
*Fall.*

**402. Advanced Military Leadership II (3)** Orientation to Army logistics and personnel management. Topics include military justice, Army training management, Army battle doctrine, and the transition from student to officer. Students plan and conduct required leadership laboratories. Two weekend leadership laboratories are required. Prerequisite: SMIL 401. *Spring.*

## Music Education (SMUE)

**354. Music for Elementary and Middle Schools (3)** The integration of music into the elementary and middle school curriculum. An holistic approach to music as personal expression, aesthetic perception, critical analysis, and music as it influences cultural heritage. *Fall, Spring, Summer.*

## Music History and Literature (SMUS)

**110. Introduction to Music (3)** Comprehensive appreciation of music through intelligent listening to representative masterpieces of the various periods of musical composition. No previous study of music is required. Three class hours per week. *Fall, Spring, Summer.*

*Note: Credits for participation in Jazz Band, Gospel Music Workshop, University Singers, and/or Contemporary Music Workshop may be counted up to a maximum of four semester hours as applicable to the student's program of study.*

**125. Music Theory (3)** Materials of music including basic elements through triads, seventh chords, and modulation. Exercises in writing and analysis of music with emphasis on common practice. *Fall, Spring.*

**127. Jazz Band (1)** Rehearsal and performance of jazz literature. Prerequisite: Performance ability commensurate with music to be performed. May be repeated. *Fall, Spring, Summer.*

**128. Gospel Music Workshop (1)** The directed performance of traditional and contemporary gospel music. No audition or prior experience is necessary. *Fall, Spring.*

**129. University Singers (1)** Performing chorus for men and women. No previous experience required. *Fall, Spring.*

**155, 156, 255, 256. Group Piano (2,2,2,2)** Piano technique including sight-reading, rhythmic studies, and piano literature from simple to advanced. The individual needs of students are considered in the levels of materials studied and performed. *Fall, Spring.*

**165, 166, 265, 266. Class Voice (2,2,2,2)** Vocal technique including tone production, diaphragmatic breathing, technical studies, and song literature. The individual needs of

students are considered in the levels of material assigned and performed. Corequisite: SMUS 129. *Fall, Spring.*

**265, 266. Class Voice (2,2)** Vocal techniques including tone production, diaphragmatic breathing, technical studies, and song literature. The individual needs of students are considered in the level of material assigned and performed. Corequisite: SMUS 129. *Fall, Spring*

**301. Selected Topics in Music (3)** Reading and research on selected topics in music. *Fall.*

**310. Jazz History (3)** Origin, development, and styles of jazz music and its exponents. Cultivation of special listening techniques. Prerequisite: SEGL 102. *Fall, Spring, Summer.*

**325. Jazz Theory (3)** Technical aspects of jazz improvisation including harmonic substitutions, chord/scale relationships, analysis of harmonic progressions and solos, forms, and ear training. Prerequisite: SMUS 125 or consent of instructor. *Alternating Fall, Spring.*

**345. Jazz Improvisation (3)** Principles of improvisation including nomenclature, chord progressions, chord scales, patterns, melodic development, and tune styles. Prerequisite: SMUS 325 or consent of instructor. *Alternating Fall, Spring.*

## Nursing (SNUR)

*Note: SNUR 301 and SNUR 302 are open to all students.*

**301. Nutrition (3)** Nutritional needs across the life span and related strategies for promotion and maintenance of health. Concepts include nutrients, food groups, nutritional guidelines, sociocultural influences, nutritional assessment, basic nutritional counseling, and common diet modifications. Prerequisites: SBIO 242 or consent of instructor. *Fall, Spring, Summer.*

**302. Pharmacology (3)** Concepts underlying the pharmacotherapeutics of major drug classifications, including pharmacokinetics, pharmacodynamics, adverse drug reactions, and fundamental nursing decision making situations as related to pharmacology. Drug dosage computation is included. Prerequisite: SBIO 242 or consent of instructor. *Fall, Spring, Summer.*

## Associate Nursing (SANU)

**101. Fundamentals of Nursing (4)** Concepts and abilities basic to the practice of nursing. The nursing process is introduced as a framework for clinical decision making in identifying and meeting basic human needs. Prerequisite: Admission to the ADN program. Corequisite: SANU 101P. Prerequisite or corequisite: SBIO 242. *Fall, Spring.*

**101P. Fundamentals of Nursing Practicum (3)** Application of the nursing process as a framework for clinical decision making. Clinical experiences are provided with individual patients with chronic and long-term alterations

in health. This course requires nine clock hours of clinical experience each week. Corequisite: SANU 101. Prerequisite or corequisite: SBIO 242. Pass/fail credit. **Fall, Spring.**

**103L. Nursing Skills Laboratory (1)** Development of competency in complex nursing skills in a campus laboratory setting. Physical, psychosocial, and cultural assessment skills are developed. This course requires three clock hours of clinical experience each week. Prerequisites: SANU 101, 101P and SBIO 242. Corequisite: SANU 104. Prerequisite or corequisite: SPSY 302. Pass/fail credit. **Fall, Spring.**

**104. Nursing Care of Adults I (3)** Foundational concepts for the nursing care of adults with acute and chronic health care needs, utilizing the nursing process as a framework for decision making. Prerequisites: SANU 101 and 101P. Corequisite: SANU 103L, 104P. Prerequisite or corequisite: SPSY 302. **Fall, Spring.**

**104P. Nursing Care of Adults I Practicum (3)** Clinical application of foundation concepts for the nursing care of individual adults with acute and chronic health care needs. The nursing process is utilized for clinical decision making. This course requires nine clock hours of clinical experience each week. Prerequisites: SANU 101 and 101P. Corequisites: SANU 103L, 104, and 106. Prerequisite or corequisite: SPSY 302. Pass/fail credit. **Fall, Spring.**

**107. LPN to RN - Transition (1)** Concepts and theories of basic nursing practice, including program orientation, selected skills and nursing process. Students successfully completing this course will receive credit for SANU 101 and 101P. Prerequisites: Admission to the ADN Program, verification of licensure as an LPN. Pass/fail credit. **Summer, Fall.**

*Note: Before enrolling in SANU 201-206, students must satisfactorily complete SANU 101, 101P, 101P, 103L, 104, 104P, SNUR 301 and 302, and SPSY 302.*

**201. Nursing Care of Adults II (3)** Theoretical concepts for the nursing care of adults with acute and chronic health care needs, incorporating the nursing process as a framework for decision making. Co-requisites: SANU 201P and SBIO 330. **Fall, Spring.**

**201P. Nursing Care of Adults II Practicum (1)** Clinical application of the theoretical concepts for the nursing care of adults with acute and chronic health care needs, utilizing the nursing process for clinical decision making. Individual patient care in acute care settings. This course requires three clock hours of clinical experience each week. Corequisites: SANU 201 and SBIO 330. Pass/fail credit. **Fall, Spring.**

**202. Nursing Care of Adults III (3)** Continuation of theoretical concepts for the nursing care of adults with acute and chronic health care needs, incorporating the nursing process as a framework for decision making.

Prerequisite: SANU 201 and 201P. Corequisite: SANU 202P and 206. **Fall, Spring.**

**202P. Nursing Care of Adults III Practicum (3)** Clinical application of theoretical concepts for nursing care of adults with acute and chronic health needs, utilizing the nursing process for clinical decision making. Coordination and management of care for a group of patients in acute care settings are emphasized, utilizing basic management principles. This course requires nine clock hours of clinical experience each week. Prerequisite: SANU 201 and 201P. Corequisite: SANU 202 and 206. Pass/fail credit. **Fall, Spring.**

**203. Nursing Care of the Childbearing Family (3)** Theoretical concepts of maternal and newborn health care needs, with emphasis on the family unit. The nursing process is used as a framework for decision making. Corequisite: SANU 203P. **Fall, Spring.**

**203P. Nursing Care of the Childbearing Family Practicum (1)** Clinical application of theoretical concepts of maternal and newborn health care needs, with emphasis on the family unit. The nursing process is used for clinical decision making in providing individual and family care in acute care settings. This course requires six clock hours of clinical experience each week. Corequisite: SANU 203. Pass/fail credit. **Fall, Spring.**

**204. Nursing Care of Children (3)** Theoretical concepts for meeting the health care needs of children from infancy through adolescence, incorporating the nursing process as a framework for decision making. Corequisite: SANU 204P. **Fall, Spring.**

**204P. Nursing Care of Children Practicum (1)** Clinical application of theoretical concepts in meeting health care needs of children from infancy through adolescence, utilizing the nursing process for clinical decision making. Clinical experiences are provided in acute care and community settings. This course requires six clock hours of clinical experience each week. Corequisite: SANU 204. Pass/fail credit. **Fall, Spring.**

**205. Mental Health Nursing (3)** Theoretical concepts of mental health nursing, focusing on the dynamics of mental health/mental illness, and the needs of patients with alterations in mental health. Incorporates the nursing process as a framework for decision making. Corequisite: SANU 205P. **Fall, Spring.**

**205P. Mental Health Nursing Practicum (1)** Clinical application of theoretical concepts in meeting mental health care needs across the life span, incorporating the nursing process for clinical decision making. Clinical experiences with individuals and groups in acute care and community settings. This course requires six clock hours of clinical experience each week. Corequisite: SANU 205. Pass/fail credit. **Fall, Spring.**

**206. Contemporary Issues in Nursing (2)** The profession of nursing, and career opportunities; patterns of organized nursing services; legal, professional, and ethical



cal nursing issues; and the nurses's responsibility to the profession and society. Prerequisite: SANU 201. Corequisites: SANU 202, 202P. *Summer, Fall, Spring*

### **Baccalaureate Nursing (SBSN)**

**310. Health Assessment (2)** Theory, techniques, and expansion of nursing assessment to include a beginning proficiency in obtaining a client history and performing a comprehensive assessment of the healthy individual system. Normal findings and selected common variations are explored. Prerequisite: SBIO 232, 242, 330, SCHM 102, SPSY 302. Corequisite: SBSN 310L or consent of instructor. *Fall, Spring.*

**310L. Health Assessment Practicum (1)** Application of theory and techniques of nursing skills used in comprehensive assessment of healthy individual systems. Detection and description of normal findings and selected common variations are included. Two campus laboratory hours per week. Corequisite: SBSN 310. *Fall, Spring.*

**311. Basic Nursing Practice (4)** Principles, concepts, and skills essential for application of the nursing process to assist adult client systems, having common health disequilibriums, to meet their basic needs. Prerequisite or corequisite: SNUR 301, 302, SBSN 310, 310L. Corequisite: SBSN 311L. *Fall, Spring.*

**311L. Basic Nursing Practicum (4)** Application of nursing process with adult client systems, having common health disequilibriums, utilizing basic principles, concepts, and skills. Campus laboratories provide for acquisition of knowledge and psychomotor skills, while selected health care settings provide for the application of knowledge and skills to implement basic nursing care. Eight laboratory hours per week. Corequisite: SBSN 311. *Fall, Spring.*

**331. Nursing of Adults (4)** Use of nursing process with adult client systems having selected acute and chronic physiological disequilibriums. Prerequisite: SNUR 301, 302, SBSN 310, 310L, 311, 311L. *Fall, Spring.*

**331L. Nursing of Adults Practicum (4)** Application of nursing process with adult client systems, having acute or chronic physiological disequilibriums, in selected health care settings. Eight laboratory hours per week. Corequisite: SBSN 331. *Fall, Spring.*

**341. Nursing of Childbearing and Childrearing Families (4)** Use of nursing process to assist parent, child, and family systems to achieve and/or maintain dynamic health equilibrium. Prerequisite: SNUR 301, 302, SBSN 310, 310L, 311, 311L. Corequisite: SBSN 341L. *Fall, Spring.*

**341L. Nursing of Childbearing and Childrearing Families Practicum (4)** Application of nursing process with parent, child, and family systems in selected health care settings. Eight laboratory hours per week. Corequisite: SBSN 341. *Fall, Spring.*

**350. Concepts of Professional Nursing (3)** Systems theory, family theories, nursing theories, nursing process, roles, and professional practice issues relating to health equilibriums of individual and family systems. Prerequisite: admission to the RN completion track. *Fall.*

**399. Independent Study (1-3)** An individual learning experience in an area of special interest planned in conjunction with a nursing faculty member. Prerequisite: SBSN 331, 331L, 341, 341L; for RN completion track: SBSN 350; or consent of instructor. *Fall, Spring.*

**411L. Nursing Internship (4)** A guided practicum experience utilizing clinical decision making and skills in a health care setting. Prerequisites: SBSN 331, 331L, 341, 341L. *Summer.*

**431. Complex Nursing Practice (3)** Expansion of decision making in nursing process with client systems experiencing acute and/or life-threatening disequilibriums. Prerequisite: SBSN 331, 331L, 341, 341L; for the RN completion track: SCHM 102, SBSN 310, 310L, 350. Corequisite: SBSN 431L. *Fall, Spring.*

**431L. Complex Nursing Practicum (4)** Application of nursing process with individual client systems experiencing acute and/or life-threatening disequilibriums. Eight laboratory hours per week. Corequisite: SBSN 431. *Fall, Spring.*

**441. Psychiatric Community Mental Health Nursing (3)** Mental health disequilibriums of community client systems, with emphasis on the therapeutic nurse-client relationship, selected mental health disequilibriums, and theories and principles of psychiatric mental health nursing practice. Promotion of mental health and prevention of mental illness are stressed. Prerequisite: SBSN 331, 331L, 341, 341L. Corequisite: SBSN 441L. *Fall, Spring.*

**441L. Psychiatric Community Mental Health Nursing Practicum (3)** Application of nursing process, knowledge, and skills with community client systems, experiencing real or potential mental health disequilibriums, in selected health care and community settings. Six laboratory hours per week. Corequisite: SBSN 441. *Fall, Spring.*

**451. Leadership in Nursing Practice (2)** Principles of leadership and management role of the professional nurse as provider of client care. The emphasis is on systems, theories, and collaborative roles of the generalist professional nurse. Prerequisite: SBSN 331, 331L, 341, 341L; for the RN completion track: SCHM 102, SBSN 350. Corequisite: SBSN 451L. *Fall, Spring.*

**451L. Leadership in Nursing Practicum (2)** Application of principles of leadership and management in selected health care settings. Four laboratory hours per week. Corequisite: SBSN 451. *Fall, Spring.*

**461. Family and Community Health Nursing (3)** Use of nursing process with community client systems across the life span. Concepts of community health and major community health disequilibriums are explored. Prerequisite: SBSN 331, 331L, 341, 341L; for the RN completion track:

SCHM 102, SBSN 310, 310L, 350. Corequisite: SBSN 461L. *Fall, Spring (Summer—RN Track).*

**461L. Family and Community Health Nursing Practicum (4)** Application of nursing process with community client systems, across the life span, in selected community settings. Eight laboratory hours per week. Corequisite: SBSN 461. *Fall, Spring.*

**490. Nursing Research (3)** Introduction to basic terminology, methods, and elements of research with emphasis on the application of research findings to professional nursing practice. Prerequisite: SBSN 331, 331L, 341, 341L; for the RN completion track: SBSN 350, SPSY 225, (or SSOC 220 or SMTH 201); or consent of instructor. *Fall, Spring.*

**497. Professional Nursing Issues (3)** Critical exploration and synthesis of knowledge related to current issues in professional nursing. Prerequisites: SBSN 331, 331L, 341, 341L; for RN completion track: SBSN 350; senior standing - final semester, or consent of instructor. *Fall, Spring, Summer.*

### Philosophy (SPHL)

**102. Introduction to Philosophy (3)** Introduction to the main problems of philosophy and its methods of inquiry, analysis and criticism. Works of important philosophers are read. *Spring.*

**201. History of Ancient Philosophy (3)** Introduction to the development of philosophy in the ancient world. *Fall '02.*

**202. History of Modern Philosophy (3)** Introduction to the development of post-Renaissance philosophy with primary emphasis on the seventeenth and eighteenth centuries. *Spring '01, Spring '03.*

**211. Contemporary Moral Issues (3)** Moral issues confronting men and women in contemporary society. Topics vary but may include discussion of problems related to abortion, drugs, euthanasia, war, social engineering, and punishment of criminals. *Fall, Spring, Summer.*

**309. Philosophy of Mind (3)** A study of traditional problems pertaining to understanding the concept of mind, for example, the mind-body relation, personal identity, and theories of consciousness.

**310. Ethics for the Professions (3)** Critical examination of selected moral issues and problems of current concern within the professions. Specific topics for study vary, but they are of special interest for the fields of medicine and health care, law and criminal justice, business, education and journalism.

**311. Ethics (3)** The moral principles of conduct and the basic concepts underlying these principles, such as good, evil, right, wrong, justice, value, duty and obligation. The

ethical works of influential philosophers are analyzed in terms of these concepts. *Fall, Spring.*

**319. Epistemology (3)** The nature and foundations of knowledge with consideration of skepticism and problems of perception.

**390. Topics in Philosophy (3)** Selected topics in philosophy, planned around areas of interest. Prerequisite: junior or senior standing or consent of instructor.

**500. Senior Seminar: Human Nature and Society (3)** Selected philosophical topics from history, anthropology, sociology, psychology and politics. Prerequisite: Senior level standing or consent of instructor.

### Physical Education (SPED)

*Note: Elective credits for participation in physical education activity courses may be counted up to a maximum of four semester hours.*

**120. Fundamentals of Movement and Body Conditioning (1)** Development and improvement of basic axial and locomotor movements as they pertain to physical education activities with emphasis on agility, flexibility, strength and endurance through body conditioning. A fundamental knowledge of various fitness programs and terminology is included. Pass/fail credit.

**121. Golf and Bowling (1)** Skill development, playing strategy, knowledge of rules, scoring, and tournament play. Pass/fail credit.

**122. Tennis and Badminton (1)** Skill development, playing strategy, knowledge of rules, scoring, and tournament play. Pass/fail credit.

**123. Snow Skiing (1)** Basic maneuvers of conditioning, turning stopping, and selection and care of equipment and clothing. Pass/fail credit. *Spring.*

**124. Walk/Jog/Run (1)** Develop and carry out a personalized walking, jogging or running program by applying information on equipment selection, physiology, mechanics, psychology, training principles, conditioning, program guidelines, environmental concerns, nutritional guidelines, and injury prevention. Pass/fail credit. *Fall.*

**125. Combatives (1)** Skill development, strategy, knowledge of rules, scoring, and tournament competition in wrestling, judo, karate, and boxing. Pass/fail credit.

**126. Introduction to SCUBA Diving (1)** Basic techniques and skill development, care of equipment, and the principles and practices of safe SCUBA diving. Prerequisite: Ability to swim. Pass/fail credit. *Fall, Spring.*

**127. Handball and Racquetball (1)** Skill development, playing strategy, knowledge of rules, scoring, and tournament play. Pass/fail credit.

**128. Aerobics (1)** Participation and development of impact and low-impact aerobic routines. Selection of exercises and music are included.

**130. Folk, Square, and Social Dance (1)** Basic steps, terminology, sequence of movement of folk, square and social dances, including development of an appreciation of numerous dances. Pass/fail credit. *Fall*.

**140. Adult Recreational Sports (1)** Methods and materials for teaching activities of carry-over value adaptable to junior and senior high facilities. Such activities as boating, fishing, hunting, camping, backpacking, skiing, and recreational games are included. Pass/fail credit. *Fall*.

**141. Adventure Programming on a Ropes Courses (1)** Participation and development of specific group and individual attitudes and skills through the use of low and high elements of the USCS ropes course. Pass/fail credit. *Spring, Fall '01*.

**142. Advanced Ropes Course Skills and Standards (1)** Advanced certification as ropes course facilitator. Knowledge and experience in the setup, spotting, and safety practices employed in state-of-the-art ropes course uses. Prerequisite: SPED 141. Pass/fail credit.

**143. Outdoor Climbing and Rappelling (1)** Skill development, safety, spotting, safety practices, and knowledge of and use of proper equipment. Pass/fail credit.

**150. Beginning Gymnastics and Tumbling (1)** Skill development, safety, scoring, and an introduction to competitive routines. Pass/fail credit.

**180. Swimming (1)** Skill development, basic strokes, elementary diving, knowledge of water and pool safety. Pass/fail credit.

**200. Foundations of Physical Education (3)** The scope of the physical education field, historical background, principles, philosophy, current issues, professional leadership and publications. *Fall*.

**223. Advanced Snow Skiing (1)** Pole plant location, moguls, planning line, constant turns, and advanced trail skiing. Prerequisite: ability to snow ski. Pass/fail credit. *Spring*.

**242. Principles of Recreation (3)** The significance and meaning of leisure in modern society, theories of play, the recreational movement in the U.S., and programs of recreation in the school, community and industry. *Fall*.

**265. Officiating of Sports (3)** Rules, officiating techniques, and problems arising in officiating, with emphasis on major team sports. Students are encouraged to obtain official's rating. *Spring*.

**270. Introduction to Athletic Training (3)** Safety precautions, injury prevention, laboratory experiences, and legal issues in physical education and athletics. Prerequisite: SHED 170. *Fall*.

**280. Swimming and Water Safety (1)** The teaching of swimming and water safety, skill mastery, lifesaving, pool hygiene, management, and safety. For advanced swimmers.

**300. Teaching of Physical Education (3)** Orientation to teaching physical education in grades 7-12. Emphasis is on teaching styles, methods and curriculum. A five-hour practicum in the public schools is required. Prerequisite or corequisite: SPED 200.

**310. Movement Education (3)** Theoretical foundation for the nature and sequence of human physical growth and motor development, including development of knowledge and skill in games, movement for expressive purposes and educational gymnastics. Prerequisite or corequisites: SPED 200. Five hours of public school teaching experience in the elementary school is provided.

**325. Sports Skills (3)** Skills analysis, methods and techniques for organizing and teaching sports skills including opportunities for peer teaching experience. Prerequisites or corequisites: SPED 200 or consent of instructor. *Spring*.

**335. Dance and Gymnastics (3)** Skills analysis, methods and techniques for organizing and teaching dance, gymnastics and tumbling, including opportunities for peer teaching experience. Prerequisites or corequisites: SPED 200 and consent of instructor. *Fall*.

**390. Field Experience (1-3)** School or community experiences related to aspects of physical education. Prerequisites: sophomore standing and consent of adviser, instructor and dean. *Fall, Spring, Summer*.

**399. Independent Study (1-3)** Topics assigned and approved by adviser, instructor and dean. *Fall, Spring, Summer*.

**400. Exercise Physiology (3)** Physiological principles as applied to muscular activity and the effects of muscular activity on the human organism. Two class and three laboratory hours per week. *Spring*.

**402. Biomechanics (3)** Theory and techniques for analyzing motor performance, including cinematography, segmental analysis, and fundamentals of physical skills based on the laws and principles of mechanical and neuromuscular action. Two class and three laboratory hours per week. *Fall*.

**479. Directed Teaching in Physical Education (12)** A supervised clinical experience normally consisting of seven weeks in an elementary school and seven weeks in a secondary school. The experience includes exploration of ethical issues, research through analysis and evaluation of teaching, and oral presentation of research results.

Prerequisite: Approved application for directed teaching.  
Corequisite: SEDF 485. Pass/fail credit. *Fall, Spring.*

**545. Measurement and Evaluation of Physical Education (3)** History, basic statistical techniques utilized in scoring and interpreting tests, evaluation of measures now available in the field, and the administration of a testing program. Prerequisites: SMTH 201 or SPSY 225 or SSOC 220, fifteen hours in physical education theory courses and six hours of technique courses.

**553. Organization and Administration of Physical Education (3)** Organization and management of instructional, intramural, interscholastic, and recreational programs, with emphasis on criteria for the selection and evaluation of activities. Prerequisites: fifteen hours in physical education theory courses and six hours of technique courses. *Fall.*

**555. Physical Fitness: Assessment and Prescription (3)** Principles of exercise testing and prescription as they apply to fitness and performance, including the role of the health related components of fitness in performance, and/or physical fitness of normal and special populations, and the significance of cardiovascular fitness programs through the life cycle. Prerequisites: SPED 200, SBIO 232. Prerequisite or corequisite: SPED 400.

**562. Physical Education for the Exceptional Child (3)** Programs of developmental activity and guidance for students with restrictive disabilities. Included are techniques for appraising students with faulty body mechanics, orthopedic defects, and other atypical physical conditions along with methods of handling, within the regular physical education class, the various handicaps commonly found in the schools. Prerequisites: SBIO 232. Prerequisite or corequisite: SPED 400. *Spring.*

## Physics (SPHS)

**101, 102. Introduction to Physical Science I & II (3,3)** Introduction to the concepts, ideas, and methods of physical science with emphasis on the principles of classical and modern physics and chemistry. Need not be taken in sequence. SPHS 101: *Fall, Spring.*

**101L. Introduction to Physical Science I Laboratory (1)** Experiments, exercises, and demonstrations to accompany SPHS 101. Prerequisite or corequisite: SPHS 101. *Fall, Spring.*

**201, 202. General Physics I & II (4,4)** Mechanics, heat, sound, wave motion, electromagnetism, optics, and modern physics. Three class, one recitation, and two laboratory hours per week. Prerequisite for 201: SMTH 127 or consent of instructor. No previous background in physics is assumed. Prerequisite for 202: SPHS 201. SPHS 201: *Fall, Summer.* SPHS 202: *Spring, Summer.*

**211, 212. Essentials of Physics I & II (4,4)** Mechanics, heat, wave motion, electromagnetism, optics, and modern

physics taught from a calculus level. Three class, one recitation, and two laboratory hours per week. Prerequisite or corequisite for 211: SMTH 144. Prerequisite for 212: Physics 211. SPHS 211: *Fall.* SPHS 212: *Spring.*

## Political Science

*See Government and International Studies*

## Psychology (SPSY)

*Psychology 101 is a prerequisite for all other psychology courses unless otherwise specified.*

**101. Introduction to Psychology (3)** Survey of major topics in psychology (learning, perception, motivation, intelligence, etc.) and an introduction to methods used in psychological investigation. *Fall, Spring, Summer.*

**225. Psychological Statistics (3)** Statistical principles, including measures of central tendency, variance, relative standing, probability, techniques of regression and correlation, statistical hypothesis testing, analysis of variance and nonparametric statistics with applications in the social sciences. Prerequisites: SPSY 101, SMTH 120 or higher or consent of instructor. *Fall, Spring, Summer.*

**302. Developmental Psychology (3)** Introduction to life span developmental psychology providing an overview of cognitive, social, emotional, and physical development from conception to senescence. Prerequisite: SPSY 101 or consent of instructor. *Fall, Spring.*

**303. Psychology of Learning and Memory (3)** Introduction to basic principles and theories of learning and memory including such topics as habituation, classical and instrumental conditioning, verbal learning, social learning theory, behavior modification, and modeling. Prerequisite: SPSY 101 or consent of instructor.

**304. Cognitive Psychology (3)** Higher mental processes including such topics as attention, decision making, problem solving, concept formation and cognitive growth. Prerequisites: SPSY 101 or consent of instructor.

**305. Sensation and Perception (3)** The processing and interpretation of physical (nonsocial) dimensions of environments and the effects of this processing on behavior. Topics include the structure and functions of the various sensory systems, visual and auditory pattern perception, color and motion perception, and perceptual development. Prerequisite: SPSY 101 or consent of instructor. *Spring, Summer.*

**307. Social Psychology (3)** The principles governing human interaction including factors such as group dynamics, leadership, prejudice and propaganda. Prerequisite: SPSY 101 or consent of instructor. *Fall*

**308. Physiological Psychology (3)** Basic neural and endocrine processes and their correlation with behavior. Prerequisite: SPSY 101 or consent of instructor.

**309. Psychology of Personality (3)** The major theories of personality and the factors involved in the development of personality. Prerequisite: SPSY 101 or consent of instructor. *Fall, Summer.*

**310. Abnormal Psychology (3)** The nature of mental and emotional disorders including such topics as theories of emotional disorders and the causes and treatment of various disorders. Prerequisite: SPSY 101 or consent of instructor. *Fall, Spring.*

**311. Industrial and Organizational Psychology (3)** Survey of the theoretical and empirical foundations of human behavior in industries and organizations. Special consideration is given to applied problems as they relate to improving relationships between individuals and organizations. Prerequisite: SPSY 101 or consent of instructor. *Spring.*

**325. Introduction to Experimental Psychology (4)** Introduction to research methods for the study of behavior. Lectures, class discussion, and laboratory exercises drawn from diverse areas of psychology are used to provide practical knowledge and skill in data analysis, experimental design, and writing technical reports. Prerequisite: SPSY 101. *Fall, Spring.*

**350. Psychology of Adjustment (3)** The process by which people adjust to the demands made upon them as a result of living with others. Basic processes of motivation and learning are examined, especially as these relate to the acquisition of the mechanisms of adjustment. Prerequisite: SPSY 101 or consent of instructor.

**399. Independent Study (3-6)** The student, in conjunction with a psychology faculty member, plans an individualized study program. Prerequisite: SPSY 101.

**400. Topics in Psychology (3)** Survey of a selected topic planned around a faculty or student area of interest. Prerequisite: SPSY 101 or consent of instructor.

**402. Experimental Topics in Psychology (4-8)** The formation of testable hypotheses, research strategies, data collection and analysis, critical evaluation and scientific documentation as applied to a particular content area in psychology (for example, development, learning and memory, social, physiological, personality, industrial and organizational). Laboratory experiences are an integral part of this course. Prerequisites: SPSY 101, SPSY 225 (or a statistics course), 325 and corresponding 300-level course, or consent of instructor.

**417. Psychological Tests (3)** Theory, development, and application of intelligence, achievement, aptitude, and personality assessment measures. Prerequisite: SPSY 101, SPSY 225 (or a statistics course) or consent of instructor.

**418. Psychology of the Exceptional Child (3)** Causes, characteristics, and guidance needs of exceptional children including such topics such as mental deficiency,

physical handicaps, and the unusually bright child. Prerequisites: SPSY 101 and a course in the area of child psychology or development.

**419. Psychology of the Mentally Retarded (3)** The nature and causes of mental retardation and the behavior and potentialities of retarded children. Prerequisite: SPSY 101 and a course in the area of child psychology or child development.

**420. Psychology of Men (3)** Investigation of the male role in society today, with an overview of the historical forces which have influenced the biological, cultural, social, cognitive, emotional, and sexual aspects of the male role. Prerequisite: SPSY 101, SPSY 300 level course, or permission of the instructor.

**421. History and Systems of Psychology (3)** Historical roots of modern psychological theories and a survey of various present-day approaches. Prerequisite: SPSY 101 or consent of instructor.

**442. Psychology of Women (3)** Women's experiences, present day status and life-styles, and the biological and cultural antecedents of women's roles. Prerequisite: SPSY 101 or consent of instructor. *Spring.*

**460. Human Sexual Behavior (3)** Psychological, physiological, and sociological factors in human sexual behavior and attitudes. Prerequisites: SPSY 101, junior or senior standing, or consent of instructor.

**499. Psychology Internship (1-6)** Supervised work experience in community agency or hospital. Fifty hours of work for each credit hour are required. Prerequisites: Psychology major, SPSY 101, senior standing and consent of instructor.

**502. Senior Seminar: Special Topics in Psychology (3-6)** Selected topics in psychology planned around areas of faculty interest and competence. Prerequisites: SPSY 101, SPSY 225 (or a statistics course), 325, or consent of instructor. In order to enroll in senior seminar, a student must have completed all of the prerequisite courses with a minimum grade of C.

**510. Senior Seminar: Abnormal Behavior in Children (3)** Theories of child behavior problems, descriptions of types of disorders, principles of assessment, and methods of intervention. Prerequisites: SPSY 101, SPSY 225 (or a statistics course), 325, SPSY 302, 310, or consent of instructor. In order to enroll in senior seminar, a student must have completed all of the prerequisite courses with a minimum grade of C. *Fall.*

**511. Senior Seminar: Advanced Industrial and Organizational Psychology (3)** Exploration of organizational behavior with emphasis on research and application. Prerequisites: SPSY 101, SPSY 225 (or a statistics course), SPSY 311, 325, or consent of instructor. In order to enroll in senior seminar, a student must have completed all of the prerequisite courses with a minimum grade of C. *Fall.*

**512. Senior Seminar: Theories of Counseling and Psychotherapy (3)** The different approaches to counseling and psychotherapy with emphasis upon both theory and technique. Prerequisites: SPSY 101, SPSY 225 (or a statistics course), 325, SPSY 309, or consent of instructor. In order to enroll in senior seminar, a student must have completed all of the prerequisite courses with a minimum grade of C. *Spring*.

**504. Senior Seminar: Cognitive Processes (3)** Experimental approaches to cognitive processes including data and theory relating to attention, intelligence, cognitive growth, problem solving, and concept formation. Prerequisites: SPSY 101, SPSY 225 (or a statistics course), 325 or consent of instructor. In order to enroll in senior seminar, a student must have completed all of the prerequisite courses with a minimum grade of C. *Spring*.

## **Recreation (SREC)**

**101. Introduction to Recreation (3)** Introduction to the concepts of recreation and leisure, its history, the evolution of recreation, an overview of professional preparation, assistance in the development of personal uses of leisure, and a survey of the recreation profession and organizations: commercial, government, and voluntary. *Fall*.

**201. Programming in Recreation (3)** Planning recreation and leisure activities through the use of human and material resources in public, private, and commercial recreation programs for all age levels. Activities include: sports, arts and crafts, cultural and performing arts, social functions, outdoor activities, and hobbies. Prerequisite: SREC 101. *Fall*.

**301. Administration of Recreation (3)** The organization, administration, supervision, planning, budgeting, and evaluation of recreational operations within most types of recreational agencies. Prerequisites: SREC 101 and 201. *Fall*.

**401. Leisure and Aging (3)** Practical application of principles in the provision of leisure and recreation services to the aging population focusing on individual needs, the process of program planning for the aging, resource development, and application strategies. Models are taken from successful programs in international, national, state, local and institutional settings. Prerequisites: SREC 101 and 201. *Spring*.

**462. Recreation for Selected Populations (3)** Practical application of principles in the provision of recreation services to populations limited in access to normal recreation programs. Focus is on individual populations and the respective barriers to participation, the process of program planning and resource development, and the practical experience of plan application. Prerequisite: junior standing. *Spring*.

**480A. Internship: Aquatics (6)** Guided practical experience in an elected, organized recreational setting giving on-site experience in planning, executing, and evaluating

recreational programs within an aquatic setting. Prerequisite: junior standing. *Fall, Spring, Summer*.

**480B. Internship: Community/Organizations (6)** Guided practical experience in an elected, organized recreational setting giving on-site experience in planning, executing, and evaluating recreational programs within community and organizational settings. Prerequisite: junior standing. *Fall, Spring, Summer*.

**480C. Internship: Industrial (6)** Guided practical experience in an elected, organized recreational setting giving on-site experience in planning, executing, and evaluating recreational programs within an industrial setting. Prerequisite: junior standing. *Fall, Spring, Summer*.

**485. Senior Seminar (1)** The integration of knowledge of recreation and individual professional activity at an advanced level utilizing research, oral presentation, a series of discussions, conferences, and role-playing experiences related to the various aspects of organized recreation as a career. Internships, employment opportunities, ethical issues, and other related topics are reviewed.

## **Religion (SREL)**

**103. Comparative Religion (3)** Beliefs and principles of the major faiths of Asia, the Middle East, and Africa, viewed from historical, cultural, and theological perspectives. *Fall, Spring, Summer*.

## **Sociology (SSOC)**

*Note: Sociology 101 is prerequisite to all other sociology courses. Sociology 101, 301, 302 and 501 are core courses.*

**101. Introductory Sociology (3)** A broad survey of the fields and subfields within the discipline. Introduction to the major perspectives and fundamental principles of analysis within sociology. *Fall, Spring, Summer*.

**201. Introduction to Statistics for the Social Sciences (3)** Fundamental principles of descriptive and inferential statistics as used in the social sciences, including measures of central tendency and variation, the normal approximation, probability, chance variability, estimation, hypothesis testing, and correlation. *Spring*.

**211. Introduction to Social Work (3)** Introduction to principles, theories, methodological procedures and substantive data underlying social work practice.

**301. Sociological Theory (3)** Theoretical perspectives on society and social behavior at a microsociological and macrosociological level. *Fall, Spring*.

**302. Sociological Research Methods (3)** Quantitative, qualitative and comparative methods used in social science research, focusing on research design, data collection and analysis, and ethical issues. *Fall, Spring*.

**311. Social Problems (3)** A broad survey of contemporary social problems selected for topical importance and theoretical relevance. Includes consideration of related contemporary debates and social scientific research. *Summer.*

**321. Animals and Society (3)** Sociological perspectives on human-animal interaction and the role of animals in society. *Every other Fall.*

**331. Individual and Society (3)** Selected theoretical orientations, methodological procedures, and research findings pertaining to the relations between the individual and society.

**341. Sociology of Families (3)** Methods and theories used in the examination of intimate human relationships, including parenting, violence and abuse, and divorce and remarriage. Emphasizes the social factors that bring about change in family-related behaviors and create diversity in family forms.

**353. Sociology of Crime (3)** Social factors in the development, identification, and treatment of crime and criminals.

**355. Juvenile Delinquency (3) (=SCRJ 351)** Social factors in the development, identification and treatment of delinquents and juvenile delinquency in the context of juvenile justice systems. *Fall.*

**362. Social Movements (3)** The social organizational aspects of crowds, mobs, riots, rebellions, and revolutions. A variety of specific social movements, including the civil rights movement, is explored in theoretical and comparative terms.

**372. Community Organization (3)** Formal and informal expressions of community life, including consideration of the interrelationships between public and private agencies and the means by which community action programs are planned, initiated, coordinated, and maintained.

**373. Social Demography (3)** Selected theoretical orientations, methodological procedures and historical perspectives related to the social analysis and context of demographic change. *Spring.*

**375. Population Dynamics (3) (=SSEG 340)** Issues in measurement of the distribution and development of human population. Applies the analytical methods used in accounting for the effects of births, deaths and migrations. *Summer.*

**381. Sociology of Aging (3)** Processes of aging as a form of socialization and demographic reality, including institutional effects. The status of the elderly in the United States and the sources of prejudice and discrimination they experience are emphasized.

**391. Special Topics (3)** Emerging issues in contemporary sociology. Selected topics organized around faculty and

student areas of special interest. This course can be taken more than once if the topic is different. *Spring.*

**395. Internship (3)** Supervised work experience in a community agency based on an individualized, contracted program planned in conjunction with a sociology faculty member. Includes at least ten hours per week in the field placement and a formal, written social science analysis related to the field placement. Students in the Social Work track must be supervised in their placements by a state-licensed social worker holding a master's degree in social work. Students may take this course more than once, but it may be applied toward major credit in sociology only once. *Spring.*

**399. Independent Study (1-6)** An individualized, contracted program of study planned in conjunction with a sociology faculty member.

**411. Sociology of Mental Health and Mental Illness (3)** Social factors in the development, identification, and treatment of mental illness.

**423. Social Deviance (3) (=SCRJ 423)** Theories, methods and substantive issues in the creation, involvement, recognition and control of deviance. Sociological theories and pertinent research data are integrated in the context of contemporary moral issues in sociology.

**431. Social Inequality (3)** Theoretical perspectives, and contemporary research concerning the causes and consequences of the unequal distribution of wealth power, and prestige in social life on a global, national, and local scale. Attention is given to how the structure of social institutions and cultural beliefs affect social stratification.

**433. Race and Ethnic Relations (3)** Theories and substantive issues in majority-minority group relations for a variety of racial and ethnic groups. Analyzes racial and ethnic inequality within major social structures and cultural formations, focusing on the contemporary U.S. context.

**435. Sociology of Women (3)** Theories and substantive issues in the study of women's lives and experiences, including gender-based forms of social inequality. Focuses on women's experiences of family, economy, polity, and education within the contemporary U.S. *Spring '01.*

**438. Sexuality and Society (3).** Sociological perspectives on the social construction of gender and sexuality. Attention is given to how attitudes, values, identities and behaviors associated with gender and sexuality are shaped and determined by the particular political, cultural, and historical contexts in which they occur. *Fall.*

**441. Sociology of Education (3)** Educational institutions, organizations, processes, and their effects in comparative context. Emphasis is placed on the current issues and trends within education in the United States. *Spring*

**456. Urban Sociology (3)** Changes in cities within a global context and broad theoretical perspective, with particular reference to the U.S. experience. Contemporary institutions, problems and policy proposals are discussed.

**461. Political Sociology (3)** The social and economic bases of politics and political change. Applies a comparative historical perspective to key historical political developments, major contemporary issues and institutions in the United States, and international politics, including global, political and social developments.

**465. Sociology of Religion (3)** Sociological perspectives related to selected aspects of religious behavior, including both contemporary research and theoretical perspectives.

**471. Sociology of Organizations and Work (3)** Operation of complex organizations such as universities, business enterprises, and nonprofit agencies. Includes consideration of how organizations shape the work experience for women and for men.

**474. Social Change (3)** Sociological perspectives on how social patterns change over time, involving behavior, relationships, institutions, and systems of inequality. Contemporary trends, including globalization issues, are emphasized. *Fall.*

**501. Senior Seminar (3)** A capstone course designed around topics selected by faculty. Emphasis is on original research with written and oral presentations. Prerequisites: Sociology 201, 301 and 302 or consent of the instructor. *Fall.*

## Spanish (SSPN)

*Note: Unless otherwise indicated, readings, lectures and discussion in foreign language courses above the elementary level are principally in the language concerned. Incoming students with previous experience in a foreign language must take a placement test.*

**101, 102. Introductory Spanish (3,3)** Fundamentals of the language and culture through speaking, listening, reading, and writing. Prerequisite for 102 is SSPN 101 or placement through testing. SSPN 101: *Fall, Summer.* SSPN 102: *Spring, Summer.*

**121. Elementary Spanish (3)** Intensive review and continuation of basic grammar and vocabulary for fundamental communication skills. Placement in SSPN 121 assumes a minimum of two years high school level experience in the language.

**201. Intermediate Spanish (3)** Review of the basic principles of the language, with emphasis on reading, writing, and oral skills. Prerequisite: SSPN 102 or 121 or placement through testing. *Fall, Spring.*

**202. Intermediate Spanish (3)** Review of the basic principles of the language, with emphasis on writing, oral skills, and the reading of literary and other authentic texts. Prerequisite: SSPN 201 or placement through testing. *Spring.*

**204. Hispanic Culture (3)** Culture and civilization of Spanish-speaking countries. Taught in English. Prerequisite: SEGL 102 or consent of instructor.

**210. Spanish Oral Communication (3)** Enhancement of oral expression through group discussion, oral presentations, and vocabulary development. Prerequisite: SSPN 202 or placement through testing. *Fall.*

**250. Selected Spanish Studies Abroad (3-6)** Development of intermediate level communication skills together with immersion in the culture of a foreign country. Prerequisite: SSPN 102 or 121 or consent of instructor.

**308. Business Spanish (3)** Fundamental elements of language and exercises in composition centering on business communication skills. Prerequisite: SSPN 202 or consent of instructor.

**309. Spanish Grammar and Composition (3)** Fundamental elements of the language and exercises in composition. Prerequisite: SSPN 202 or consent of instructor. *Spring.*

**310. Spanish Conversation (3)** Advanced vocabulary development and acquisition of fluency through aural and oral presentations and conversation groups. Prerequisite: SSPN 210 or placement test.

**320. Spanish Civilization (3)** Culture and civilization of Spain. Prerequisite: SSPN 202 or consent of instructor.

**330. Survey of Spanish Literature I (3)** Introduction to representative authors and works from medieval, Renaissance, and Golden Age Literature. Prerequisite: Spanish 202 or consent of instructor.

**331. Survey of Spanish Literature II (3)** Introduction to major movements, principal authors, and representative works in Spanish literature since 1700. Prerequisite: SSPN 202 or consent of instructor. *Spring.*

**332. Survey of Spanish American Literature I (3)** Introduction to representative authors and works from pre-Columbian times through the colonial era. Prerequisite: SSPN 202 or consent of instructor.

**333. Survey of Spanish American Literature II (3)** Introduction to major movements, principal authors, and representative works from the nineteenth century to the present. Prerequisite: SSPN 202 or consent of instructor.

**350. Selected Spanish Studies Abroad (3-6)** Development of advanced level communication skills together with immersion in the culture of a foreign country. Prerequisite: SSPN 202 or 210 or 250 or consent of instructor.



### **398. Topics in Spanish Language or Literature (1-3)**

Prerequisite: SSPN 202 or consent of instructor.

**399. Independent Study or Internship (1-3)** Supervised professional experience or research outside the classroom. For three internship credit hours, a student is to work 135 hours with an approved agency; for two credit hours, 90 hours; for one credit hour, 45 hours. For an internship or for an independent study, a contract must be signed by the student and by the instructor of record and other designated faculty and administrators. A student may repeat SSPN 399 once with a different internship or independent study contract description for a total of no more than six hours of undergraduate credit. Prerequisites: GPA 2.0 overall, 2.5 in foreign language courses, and consent of faculty supervisor. *Spring*.

**450. Foreign Language Technology (3) (=SFRN 450)** Use of language laboratories, computers, videos, and various other materials in foreign language teaching. Prerequisite: SSPN 202 or SFRN 202 or consent of instructor.

**453. Introduction to Romance Linguistics (3) (=SFRN 453)** Descriptive, historical, and applied linguistics in French and Spanish. Prerequisite: SSPN 202 or SFRN 202 or consent of instructor.

**490. Senior Seminar in Spanish (3)** Reading and research on selected topics designed to integrate knowledge, to explore ethical issues, and to gain experience in research and oral presentation. Prerequisite: two Spanish literature courses. *Spring*.

### **Speech (SSPH)**

**201. Public Speaking (3)** Oral communication and speaking before an audience. Prerequisite: SEGL 102 or consent of instructor. *Fall, Spring, Summer*.

**301. Survey of Human Communication (3)** Principles, theories, and functions of human communication. Topics include nonverbal communication, listening skills, self-disclosure, perception and relationship development. Prerequisite: SEGL 102 or consent of instructor. *Fall, Spring, Summer*.

**310. Interpersonal Communication (3)** The study of the communication process as a form of practical action between individuals. The classroom functions as an interpersonal laboratory to study and practice interpersonal skills through discussions, exercises and projects. Prerequisites: SSPH 201 or consent of instructor.

**325. Speech for Radio and Television (3) (=SJOU 325)** Principles, standards and skills for broadcast speech in varied formats. Focus areas include pronunciation, enunciation, rate of delivery, pitch, inflection, and use of

appropriate terminology in scripted and ad lib delivery. Prerequisites: SSPH 201 and 340; or consent of instructor. *Fall, Spring, Summer*.

**333. Speechwriting (3)** The principles and theories of speech composition. Areas of focus include rhetorical theory, strategic organization, evidence, and reasoning. Prerequisites: SEGL 102 and SSPH 201.

**340. Voice and Diction (3)** The analysis, evaluation, and improvement of speech based on the anatomy and physiology of the vocal mechanism, voice production, and articulation. *Fall, Spring, Summer*.

**398. Topics in Speech Communication (3)** A specific area of speech is explored. Individual topics are announced. *Fall, Spring*.

**440. Argumentation and Debate (3)** Fundamental principles, skills and ethics of argument. In-class debates required. Prerequisites: SSPH 201 or consent of instructor. *Fall*.

**441. Debate Laboratory (1)** Participation in debate team activities, including research, construction of debate briefs, competition and travel. Weekly meetings are required. May be repeated for a total of four credits. Prerequisite: SSPH 440. Corequisite: Debate team membership.

**447. Persuasive Communication (3)** Process and functions of persuasion with exploration of classical and contemporary theories, practical applications, evaluation and ethics of persuasive strategies. Prerequisites: SSPH 201 or consent of instructor.

**448. Organizational Communication (3)** Theories, research and functions of communication in organizations, including communication practices and strategies in professional and social settings. Prerequisites: SSPH 201 or permission of the instructor.

### **Theatre (STHE)**

**161, 162. Introduction to Theatre Art (3)** Understanding and criticism of dramatic literature, history, and production. *Fall, Spring, Summer*.

**170. Fundamentals in Acting (3)** The technique of body and voice control, improvisation, interpretation of characters, and characterization applied in scenes. *Fall*.

**260. Theatre Laboratory (1)** Participation in theatre production, including stage management, direction, costumes, makeup, lighting, sound, scenery, and business management. No formal class meetings. May be repeated for a total of four credits. *Fall, Spring*.

**301. Dramatic Theory and Criticism (3)** A philosophical, psychological and social realist perspective. Analytical writing on topics such as social context and resonance of the drama, dramatic action, playwrighting, dramatic illusion and Shakespeare

is stressed. Prerequisite: SEGL 102 or consent of instructor.  
*Fall, Spring, Alternate Summers.*

**372. Design for the Theatre (3)** Basic principles of costume, scenic, and lighting design for the stage including drawing and model design, historical research, and analysis of stylistic elements of design. Students complete a set of designs for costumes, scenes and lights. *Fall.*

**373. Play Directing (3)** Script analysis and interpretation. The emphasis is on blocking, picturization, and composition culminating in each student's production of a one act play for public presentation. Prerequisite: STHE 170

**374. Intermediate Acting (3)** Advanced scene production including script analysis, blocking, and character building. Shakespeare and the classics are performed. Prerequisite: STHE 170. *Spring.*

**375. Theatre History (3)** History of theatrical production through an examination of major dramas, dramatists, and dramatic theory. Included is a survey of stage and auditorium architecture, stage machinery, scenery, costuming, lighting, acting and directing, from the Greek theatre to present. *Fall, Spring.*

#### **398. Topics in Theatre (3)**

#### **University (SUNV)**

**101. The Student in the University (3)** The purposes of higher education and the potential role of an individual student within the university and other learning environments. Open to freshmen only. This course does not count toward graduation in some majors.

**102. Freshman Orientation (1)** The successful transition into higher education through social, personal and academic development. Considered are topics and activities in study skills, time management, goal setting, careers, health and wellness, responsibility, cultural awareness, and the enhancement of the relationship between the faculty adviser and the student.

**103. Freshman Orientation (1)** The successful transition into higher education through academic, social, and personal development. Considered are topics and activities in time management, goal setting, responsibility, and careers, with special emphasis on study skills. The academic performance of students, in all classes, is monitored throughout the semester. Required of academic skills students. (Students cannot receive credit for both University 103 and 102.)

**201. Leadership Development I (2)** Various approaches to the definition of leadership and practical experience in building leadership skills. The critical questions of what is leadership, what are the qualities of a good leader, and what skills does a leader need are examined. Pass/fail credit.

**202. Introduction to Leadership II (2)** Practical experience in building leadership skills within the context of community-based leadership. The focus is upon the most pressing needs for leadership within the community to allow students to become directly involved with a relevant project. Prerequisite: University 201.

**301. Critical Analysis and Writing (3) (=SLGC 205)** The identification and evaluation of reasoning as it occurs in natural language uses. The techniques of careful reading and clear writing are demonstrated through the production of critical essays. Two lecture and one laboratory hour per week. Prerequisite: English 102 or equivalent. *Spring.*

**310. Leadership Development Internship (1-4)** Practical application of leadership principles through a public service internship. Limited to participants in the Leadership Development Program. Prerequisite: SUNV 202.

**401. Senior Seminar in the Humanities (3)** Interrelationships between the arts and the humanities with emphasis on perceptual, analytical and communication skills. Individual topics for study vary. (Consult the instructor for a listing of topics for each offering.) Prerequisites: SATH 106, SMUS 110, SUNV 301, or consent of instructor.

#### **Women's Studies (SWST)**

**101. Introduction to Women's Studies (3)** Interdisciplinary theories, methods and issues comprising women's studies.

**301. Feminist Theory and Methods (3)** Philosophical exploration of feminist theories and feminist methods of inquiry. Prerequisite: SPHL 102 or SSOC 101 or SWST 101 or permission of instructor.

**349. Woman as Citizen (3) (=SGIS 349)** Critical analysis of Western political thought and the role played by gender in defining citizenship. Subjects include the public/private dilemma and women's citizenship status over time. Prerequisite: SGIS 202 or consent of instructor. *Fall.*

**355. U.S. Women's Movement (3)** In-depth, interdisciplinary perspectives on U.S. women's activism, actions and resistance strategies. Prerequisite: SWST 101 or SWST 301 or SGIS 350 or permission of instructor.

**398. Special Topics in Women's Studies (3)** Survey of a selected topic planned around a faculty or student area of interest. Prerequisite: SWST 101 or an upper division course primarily addressing women's issues.

**420. Women and Politics: A Global Perspective (3) (=SGIS 420)** Women's status and political activism around the globe. The focus is on similarities and differences and the bases for them. Prerequisite: SWST 101 or consent of instructor. *Spring in odd years.*

**490. Senior Seminar (3)** Exploration, at an advanced level, of issues, topics, and dilemmas related to women's studies. Topics covered will vary depending upon the instructor. Prerequisites: senior standing, SWST 301 and other courses primarily addressing women's issues; permission of the instructor.

## Transfer Course Equivalencies

The following courses are used for receiving appropriate level transfer credit to USCS.

- SEGL 218 Introduction to Drama  
An introductory course in reading and reviewing plays
- SEGL 225 Introduction to Poetry  
An introductory course in the analysis of poetry
- SEGL 230 Images of Women in Literature  
An introductory course of archetypes and stereotypes of women in literature
- SLGC 105 Basic Introduction to Logic  
Introduction to the structure of argument, including symbolization, proof, formal fallacies, deduction and induction
- SPHL 131 Introduction to Ethics  
Critical examination of normative theories of obligation and value using a variety of moral problems as units of analysis
- SGIS 215 Issues and Ideas: State and Local Politics  
Introductory examination of systems and issues relating to city, county, and state government  
Same as Criminal Justice 215
- SCRJ 215 Issues and Ideas: State and Local Politics  
Introductory examination of systems and issues relating to city, county, and state government  
Same as Government and International Studies 215
- SPSY 208 Introduction to Human Sexuality  
Introduction to human sexual behavior
- SPSY 212 Introduction to Abnormal Psychology  
Basic examination of the development and characteristics of behavior disorders
- SSOC 102 Social Aspects of Marriage and Family  
Introduction to the functions, processes, and problems of families
- SSOC 205 Introduction to Contemporary Social Issues  
Introduction to selected current social issues and problems
- SSOC 206 Introduction to Social Psychology  
Fundamental question about human behavior emphasizing the relationship between the individual and the group
- SCRJ 210 Introduction to Juvenile Delinquency  
Introduction to fundamental questions regarding the development of deviant behavior as it applies to adolescents and their treatment within the criminal justice system  
Same as Sociology 210
- SSOC 235 Introduction to Death and Dying  
Introduction to the social aspects of death and dying, including rites and rituals of different societies
- SPHL 121 Moral Problems in the Modern World  
Discussion of contemporary moral problems and related theoretical issues, focusing on such issues as sexual morality, punishment, abortion, racism, sexism, warfare and civil disobedience
- SCHM 211 Introduction to Organic Chemistry I  
Survey of the chemistry of carbon compounds and introduction to the basic principles of organic chemistry (Not for major credit in chemistry or biology)
- SCHM 212 Introduction to Organic Chemistry II  
A continuation of SCHM 211. Survey of the chemistry of carbon compounds and introduction to the basic principles of Organic Chemistry (Not for major credit in chemistry or biology)



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*Graduate Studies*

The University of South Carolina Spartanburg offers the degree of Master of Education in Early Childhood Education and in Elementary Education.

## *Admission*

Application packets may be obtained from the USCS admissions office or from the USCS School of Education. Application for admission to graduate studies will be given consideration after receipt of all credentials. Admission to the M.Ed. in Early Childhood Education and the M.Ed. in Elementary Education is based on the total profile of the applicant.

### *Degree Candidates*

Individuals seeking admission to USCS as a degree candidate will be considered for full admission when the USCS admissions office receives all admissions materials. However, students are eligible to take up to 12 hours of program courses when the following materials are received.

- Application for graduates programs.
- \$30 application fee ( Students who have previously applied for graduate studies within the University of South Carolina system, and have paid the application fee, are not required to do so again).
- A SC residency certification form.
- A copy of a teaching certificate indicating initial certification from a regionally accredited institution.

Once the student has completed the permitted 12 hours, no further coursework may be taken until the USCS admissions office receives the remaining admission materials including:

- Two letters of recommendation from former professors or employers using the forms provided in the application packet.
- Minimum Miller Analogry Test (MAT) score of 35 or Graduate Record Examination (GRE) score of 400 on the verbal section and 400 on the mathematics section.
- Official copies of transcripts from all previous undergraduate and graduate studies.
- A minimum grade point average on all undergraduate course work of 2.5 on a 4.0 scale.
- Proof of immunization for measles (rubeola) and German measles (rubella) if born after December 31, 1956.
- A personal interview with a member of the faculty of the USCS School of Education.

### *Applicants Not Seeking a Degree*

Students wishing to enroll in either program courses or professional development courses, but who do not wish to pursue a graduate degree at USCS, must submit the following admissions materials:

- Application for non-degree seeking graduate students.

- \$30 application fee ( Students who have previously applied for graduates studies within the University of South Carolina system, and have paid the application fee, are not required to do so again).
- A SC residency certification form.
- Copy of a teaching certificate indicating initial certification from a regionally accredited institution.

Students admitted as non-degree students may take up to twelve hours of graduate work without being admitted to a degree program. In order to enroll in more than 12 hours as a non-degree student, the applicant must complete another non-degree application form, a state residency status form, and submit a copy of a teaching credential. This procedure will allow an additional 12 hours of graduate study. **However, the applicant must be aware that a maximum of 6 hours of professional development courses are applicable to a degree program.**

**Change of academic objectives.** Students are admitted to a specific graduate program at the time of acceptance. Upon completion of that degree, further graduate study requires readmission to graduate studies.

**Valid period of admission.** Admission to graduate study at USCS is valid for one year. If an applicant fails to complete any graduate course or part of the prescribed program within this period, the acceptance lapses, and the student becomes subject to any new requirements that may have been adopted. Students who do not enroll in classes within one calendar year of admission must reapply.

Students who have been admitted to graduate study at the University of South Carolina under regulations other than those now in force, and who have not completed any USC courses during a period of three or more years, are required to fulfill current admission requirements prior to attending USCS for additional graduate work. Upon readmission, these students become subject to the current graduate regulations.

### *Disability Services*

Students with disabilities are assisted through the Office of Disability Services. The staff works toward accessibility for all university programs, services, and activities in compliance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act. Services offered include priority registration, test proctoring, classroom adaptation, sign language interpreter, reader and note taker. If you have a disability and need assistance, contact the Office of Disability Services.

## *Graduate Tuition*

Academic fees at the University of South Carolina Spartanburg are established by the University of South Carolina Board of Trustees and are subject to change.

<sup>1</sup> Fees are subject to change as approved by USC Board of Trustees.

## ***Tuition<sup>1</sup>***

All fees are payable in full at the beginning of each term.

### ***Graduate:***

#### **Part-time and summer school students**

South Carolina residents .... \$209 per semester hour\*

Non-residents ..... \$443 per semester hour\*

Certified Teachers ..... \$161 per semester hour\*

## ***Academic Regulations***

Students may obtain a degree following the requirements in force at the time they are admitted to degree candidacy, or under subsequent regulations published while they are degree candidates. However, students are restricted in the choice of requirements to one specific catalog. Students have a period of six years inclusive and continuous in which to claim the rights of a specific catalog.

Students are advised that unforeseen circumstances may interfere with the scheduling of any given course or degree offering. Students are required to take such developments into account as they arise, even if doing so means a delay in the fulfillment of some of their academic goals or modification of those goals.

## ***Advisement***

Every candidate admitted for a degree is assigned a faculty advisor with whom to plan a program of study relevant to specific objectives and sufficiently intensive and sequential to assure professional competence and breadth of knowledge. Students have the privilege of requesting a particular advisor, subject to the consent of the faculty member and approval of the dean. The advisor should be a specialist in the candidate's major area of study.

## ***Program of Study***

Immediately following admission to the program, every degree seeking student, working with an advisor, must develop and file a program of study in the office of graduate programs. A program of study is an agreement signed by the student, the director of graduate programs, the dean of the School of Education and the executive vice chancellor for academic affairs. This formal agreement serves a number of purposes to the benefit of both the student and the University. It causes the student and the advisor to engage in early planning with a specific goal in mind; it provides useful information for the planning of course offerings; it facilitates subsequent advisement, and it protects the student in the event of unexpected curriculum or faculty changes. Although formal programs are binding, they can be modified or replaced by new programs if conditions warrant such changes.

## ***Courses***

**Prerequisites.** Prerequisite courses are listed to inform students about the academic background recommended for satisfactory course completion. The instructor may approve the enrollment of students who have acquired the equivalent knowledge or skills through other

courses or experiences. Special permission to enroll should be requested from the instructor prior to registration.

**Course loads.** Nine semester hours in the fall and spring semesters and three hours during a summer session are considered full time enrollment.

**Correspondence courses.** The University neither offers correspondence courses for graduate credit nor accepts correspondence work as applicable toward any graduate degree.

**Credit by examination.** No graduate credit is offered by examination.

**Auditing.** Students wishing to audit graduate courses are advised to obtain permission from the dean of the School of Education. Arrangements for auditing are duly recorded at the time of registration. No credit may be earned for an audited course, either by examination or otherwise, and no audited course may be repeated for credit at a later date. No record of audit shall appear on a transcript unless a student attends 75 percent of the classes.

## ***Academic Residency Requirement***

Students must successfully complete a minimum of 24 semester hours of program courses offered by the University of South Carolina Spartanburg.

## ***Dropping a Course***

Courses dropped through the late registration period will not be recorded on the student's transcript.

A course dropped following late registration through the sixth week of a regular semester is recorded with a non-penalty grade of W. After the sixth week of the semester, any courses dropped will appear on the permanent record with a grade of WF unless documentation is offered which is acceptable to the instructor and the dean of the School of Education. A WF is treated as an F in the evaluation of the student's eligibility to continue and in computing the student's grade point average. Students who stop attending class without officially withdrawing have the course recorded with a grade of F, which is included in all calculations and totals.

The academic calendar for summer sessions and other specially scheduled classes gives the prescribed dates for dropping a course. In summer sessions and other shortened terms, the period for withdrawal with a grade of W is 43 percent of the total number of class days. The student should consult the session calendar for each course in which the student is enrolled.

A course cannot be dropped after the last day of classes specified for the session in which the course is scheduled.

If a student must either drop a course or withdraw from the University for medical reasons or other acceptable major cause after the penalty date (last day to receive a W), the student must submit the form entitled Request for Assignment of W Grade for Medical Reason or Extenuating Circumstances After Penalty Date. This form must be approved by the course instructor and the dean of the School of Education.

## ***Withdrawal From All Courses***

All students, both full- and part-time, wishing to withdraw from the University (discontinue enrollment from all courses) must complete an Application for Withdrawal form. Withdrawal applications are available from the records office and from the School of Education. Students must obtain the required signatures before the withdrawal will be processed by the records office.

Grades assigned upon withdrawal are determined as described above for dropping courses. The date of withdrawal from the University will be posted on student transcripts.

Any student withdrawing within the scheduled refund period (as published in the Schedule of Classes) can expect to receive a refund through the mail in approximately six to eight weeks. If at the time of withdrawal, the student has any financial obligations to the University, these will be deducted from any refund due. Refunds for those students who received and used financial aid in payment of academic fees will be applied toward repayment of financial aid.

Students who have received long-term loans through the University must contact the financial aid office for an exit interview. Failure to participate in an exit interview may result in a hold being placed on transcripts.

## ***Grades and Credit***

**Credit values.** The credit value of each course is usually equal to the number of hours the class meets each week for one term.

**Grading system.** The letter grades A, B, C, D and F are employed to designate excellent, good, fair, poor and failing work respectively. B+, C+ and D+ also may be recorded. Courses graded D or lower cannot be applied to degree programs. The letter grades S (satisfactory) and U (unsatisfactory) are assigned only in courses that have been approved for pass-fail grading, or in a regular course where the student, with the approval of the dean of the School of Education, has elected an individual pass-fail option (see Pass/Fail Option). Courses completed with an S may be counted toward total credits earned.

The grade of I, incomplete, is assigned at the discretion of the professor when in the professor's judgment, a student is prevented from completion of some portion of the assigned work in a course because of an unanticipated work-related responsibility, family hardship, illness, accident, or verified disability. The student should notify the professor without delay that one of these conditions exists or has arisen; notification must be given prior to the end of the term. The professor will determine, according to the nature of the interruption and the uncompleted requirements, what additional period of time will be allowed for completing the work before a permanent grade is assigned. An Assignment of Incomplete Grade form must then be completed by the professor (with copy to student) and submitted to the records office specifying the justification for the I, conditions for make-up, and deadline for completion. Re-enrolling in a course will not make up an incomplete grade. A grade of I is not computed in the calculation of a student's grade point average.

After 12 months an I, which has not been replaced with a letter grade is changed permanently to a grade of F unless the I was erroneously recorded. If the professor believes there is academic justification for an extension beyond the one year limit, a request for extension should be submitted to the dean of the School of Education before the expiration of the year, specifying the justification and specific duration of the extension on the form entitled Extension of Incomplete Time Period Authorization.

NR, no record, is assigned by the records office if a grade has not been submitted at the proper time or if any grade not approved for a particular course has been submitted. It is a temporary mark on the transcript, and must be replaced by a grade. If replacement does not occur before the last week of the spring or fall semester following the term from which the grade was recorded, a grade of F will be assigned.

Special make-up work, extra work, or examination to change a grade already recorded is not permitted.

**Academic standards.** Graduate courses may be passed for degree credit with a grade as low as C, but the student's average on all courses attempted for graduate credit must be at least B (3.0 on a 4 point system). Additionally, the student's average on all courses numbered 700 or above must be no less than 3.0. Grades earned on credits transferred from other universities do not count in the grade point average.

An accumulation of grades of below B on 12 credits of graduate course work taken at the University within a six year period will disqualify a student for a graduate degree. This rule applies to courses taken in degree programs, non-degree programs, or in more than one degree program. These students are suspended from degree candidacy and are not permitted to enroll for further courses even as non-degree students without the specific approval of the dean of the School of Education. After a grade below B is six years old, it will cease to be a disqualifying factor.

**Transfer Credit.** Transfer work from a regionally accredited institution applicable to a master's degree must be within the six (6) years prior to USCS degree completion. A maximum of twelve semester hours credit (nine if part of a master's degree at the other institution) may be considered, subject to these additional provisions: (a) the courses must be documented by an **official** transcript mailed to the admissions office by the awarding institution; (b) the transcript must clearly indicate that **graduate** credit was awarded or specifically verified by the institution's registrar or graduate dean; (c) the courses must be judged appropriate by the student's advisor, approved by the executive vice chancellor for academic affairs, and listed on an approved program of study; (d) courses graded lower than B are not transferable; (e) USCS provides no revalidation mechanism for courses completed at another institution.

**Appeals for reinstatement.** Appeals for reinstatement to degree candidacy should be reviewed by the dean of the School of Education and forwarded to the vice chancellor for academic affairs for review by the graduate committee.

Appellants who have maintained a B average despite their accumulation of lower grades may, if their appeals



are supported by the School of Education, be allowed to proceed toward their degrees provided they receive no additional grades below B.

Appellants who have not maintained a B average should show extenuating circumstances and obtain the support of the School of Education if they wish to be considered for reinstatement by the graduate committee.

### ***Pass/Fail Option***

Under certain circumstances, a student may elect pass/fail grading in a course outside the major area. This option permits enrichment of the student's experience without affecting grade point average. A grade of either S (satisfactory) or U (unsatisfactory) will be awarded. Courses completed with a satisfactory grade may be counted toward total credit hours earned. Any student interested in this option should consult with the director of graduate programs and the dean of the School of Education prior to registration.

### ***Transcripts***

All transcripts must be requested in writing from the records office.

No transcript will be issued to or for a student who is indebted to the University.

With the exception of copies made for internal university use, no copy of a student's record will be released anywhere (including the state department of education) without the student's written consent.

### ***Undergraduate Enrollment in Graduate Courses (Senior Privilege)***

A special provision to earn graduate credit is available for USCS undergraduate seniors in their final semester who have a minimum GPA of 3.0, and who need less than a normal course load to complete baccalaureate requirements. Overload enrollment, which includes one or more courses under senior privilege is not allowed. Courses for graduate credit under senior privilege cannot be used toward undergraduate degree requirements.

### ***Attendance***

Students are expected to attend all regular class meetings. Unsatisfactory class attendance may be considered adequate reason, by the instructor, for requesting the student to withdraw from a course.

Auditors are expected to conform to the same attendance requirements as students registered for credit, but in any case, must attend at least 75 percent of scheduled class meetings.

### ***Change of Name***

A student wishing a name change must present to the records office proper legal documentation such as a marriage license, a court order approving a name change, or a divorce decree in which a name change is granted.

### ***Change of Address***

Students are obligated to notify the records office of any change of address. Failure to do so can cause serious delay in the handling of student records and notification of

emergencies at home. Returned mail due to an incorrect address will result in a "hold" being placed on a student's record, preventing registration.

### ***Appeal Policy and Procedure***

The University of South Carolina Spartanburg is committed to judicious, fair and impartial resolution of all conflicts regarding student complaints. The following process is designed to provide an objective review of the student complaints regarding a variety of academic grievances arising out of admissions, readmissions, assessment of academic records, academic standing, a variety of academic policies and/or grading criteria.

#### **General Guidelines**

1. All submissions to all levels of appeal must be submitted in writing and applicable forms must be typewritten or word-processed.
2. All parties concerned must honor all deadlines and timelines.
3. While the appeal process may result in the recommendation of a grade change—only faculty who initiated the grade in question shall implement grade changes.
4. The student may appear before and make presentations to the committee during the appeal process.

#### **Steps**

1. Appeal to the faculty member of initial decision maker.
2. Appeal to the division chair or director of graduate programs. Must take place within five days of Step 1 decision.
3. Appeal to the dean of appropriate school or college. Must take place within five days of Step 2 decision.
4. Appeal to the USCS Graduate Committee.

Within five days of the dean's decision, the student must submit in writing to the chair of the Graduate Committee their intent to appeal. Within 10 working days of receiving the appeal, the Graduate Committee shall gather all relevant material, hold its hearing and make a report to the vice chancellor for academic affairs.

The decision of the USCS Graduate Committee is final. All decisions regarding grade changes at any step are in the form of recommendations only. Only the faculty member who initiated the grade in question can change grades. Appeals must be initiated before the last day of the following major semester in which the disputed decision was made.

### ***Applications for Degrees***

All candidates for a degree must complete the degree application process. Students may obtain an application for degree from the graduate office in the School of Education. A \$25 non-refundable graduation fee must be paid prior to submitting the application to the records office. Submission deadlines are listed in the semester course schedule.

## Financial Aid

College work-study and Federal Family Education Loan Programs, which includes both subsidized and unsubsidized Stafford loans, are available to students pursuing graduate programs at USCS. To qualify, students must be admitted to a USCS graduate program of study and be enrolled for no less than six hours each semester. Descriptions of these financial aid programs can be found in the undergraduate section of this catalog.

Eligibility for assistance for federal financial aid is determined by completing a Free Application for Federal Student Aid (FAFSA). The FAFSA is used to calculate the amount a graduate student and family can contribute toward the cost of education from reported income and resources. The difference between the cost of education and the family contribution is the student's financial need. In addition to demonstrating financial need, individual federal aid programs have specific requirements. Program requirements are explained in detail in *The Student Aid Guide* published annually by the U.S. Department of Education and available in the USCS Office of Financial Aid and Scholarships.

## Satisfactory Academic Progress

Graduate students are required to be making satisfactory progress for receipt of federal financial aid. Graduate students are considered to be making satisfactory progress if they

1. are admitted and enrolled as advanced degree or certificate students.
2. meet university standards for continued enrollment in an advanced degree or certificate program.
3. maintain a USCS cumulative grade point average of 3.0 or higher each semester enrolled.
4. complete at least eighty percent of the total number of hours attempted each academic year.

Full-time graduate students will be allowed three academic years to complete the advanced degree. Students enrolled less than full-time will be given the equivalent of six full-time semesters to complete the advanced degree.

Full-time enrollment is defined as nine hours each semester. Half-time enrollment is defined as six semester hours each semester. The hours attempted is defined as the number of hours attempted at the end of the 100% drop period. Incompletes will not be counted as hours passed until a final grade is determined. Repeat courses will be counted as hours attempted in determining satisfactory academic progress.

Students not meeting the USCS satisfactory academic progress standards may appeal to the financial aid committee using the same procedures as undergraduates.

## Notification of Student Rights Under FERPA

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. They are:

(1) *The right to inspect and review the student's education records within 45 days of the day the University receives a request for access.*

Students should submit to the registrar, dean, head of the academic division, or other appropriate official, written requests that identify the record(s) they wish to inspect. The university official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the university official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

(2) *The right to request the amendment of the student's education records that the student believes are inaccurate or misleading.*

Students may ask the University to amend a record that they believe is inaccurate or misleading. They should write the University official responsible for the record, clearly identifying the part of the record they want changed, and specify why it is inaccurate or misleading.

If the University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

(3) *The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.*

The University of South Carolina will disclose information from a student's education records only with the written consent of the student, except:

- (a) To school officials with legitimate educational interests;
  - A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position; a person or company with whom the University has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.
  - A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.
- (b) To officials of other institutions in which the student seeks or intends to enroll provided that the student has previously requested a release of his/her record;
- (c) To authorized representatives of the U.S. Department of Education, the Comptroller

General of the United States, state educational authorities, organizations conducting studies for or on behalf of the University, and accrediting organizations;

- (d) In connection with a student's application for, and receipt of, financial aid;
- (e) To comply with a judicial order or lawfully issued subpoena;
- (f) To parents of dependent students as defined by the Internal Revenue Code, Section 152;
- (g) To appropriate parties in a health or safety emergency; or
- (h) To the alleged victim of any crime or violence of the results of any disciplinary proceedings conducted by the University.

The University of South Carolina has designated the following items as **directory information**: a student's name, electronic mail address, local and permanent mailing addresses and telephone numbers, semesters of attendance, enrollment status (full- or part-time), date of admission, date of graduation, school, majors and areas of concentration, whether or not currently enrolled, classification (freshman, etc.), type of degree being pursued, degrees, honors, and awards received (including scholarships and fellowships), weight and height of members of athletic teams, and whether the student has participated in officially recognized activities and sports sponsored by the University.

The University may disclose any of these items without prior written consent, unless the student has submitted a written request to the Office of the Registrar not to release directory information pertaining to them. Requests will be processed within 24 hours after receipt. Directory information with be withheld from student directories and telephone books only if

notification is received prior to the publication of these documents. The electronic directory is updated each weekend; requests for non-disclosure will be honored with the next update after the request is processed by the staff of the Office of the Registrar.

*(4) The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA.*

The name and address of the office that administers FERPA is: Family Policy Compliance Office, U.S. Department of Education, 600 Independence Avenue, SW, Washington DC 20202-4605. Questions concerning this law and the University's procedures concerning release of academic information may be directed to the Office of the Registrar at 864-503-5220.

## **State Residency Requirements**

The University of South Carolina Spartanburg assesses tuition and fees upon the basis of state residency. The rules regarding the establishment of legal residency for tuition and fee purposes for institutions of higher education are governed by the South Carolina Code of Laws. A copy of this law in its entirety is available from the Office of Admissions.

The initial resident status determination is made at the time of admission and prevails until such time that a student establishes a proper claim to residency as defined by the laws of South Carolina. Any student who is discovered to have been improperly classified as a South Carolina resident will be reclassified as a non-resident and will be required to pay differences in fees.

Persons having questions about residency are encouraged to secure a Residency Application Package from the Office of Admissions. Appointments with the director of admissions to discuss residency requirements are also encouraged.

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## **Master of Education Degree**

Programs of study leading to the degree of Master of Education are offered in early childhood education and elementary education. Orientation sessions for students interested in graduate programs are offered prior to the beginning of summer and fall semesters. Information about these sessions is available from the USCS Graduate Programs Office at 864-503-5573.

USCS Master of Education degrees are not designed for the purpose of initial teacher certification. Initial teacher certification is required for admission to the M.Ed. degree program.

The Master of Education degree requires:

1. Successful completion of an approved program of study providing 36 hours of graduate credit, of which at least 50 percent must be earned in courses numbered 700 or above (the remainder may be in courses numbered 500-699).
2. Successful completion of a comprehensive examination covering the area of study.

For either degree, a minimum grade point average of 3.0 (B) is required on the total graduate program with a minimum average of B on all 700-800 level courses. An accumulation of grades below B on 12 hours of graduate work attempted at the university will disqualify a student for a graduate degree.

Every candidate admitted for the degree of Master of Education will have a faculty advisor with whom to plan a program of study relevant to assure professional competence and breadth of knowledge. Students will have the privilege of requesting a particular advisor, subject to consent of the faculty member involved and approval by the dean. The advisor will be a specialist in the candidate's major area of study.

No academic program of study can be approved until the student has been admitted to the graduate program as a qualified degree candidate. Students are cautioned that graduate credit earned prior to full admission to degree candidacy may not be applicable toward the degree requirements. **No more than six hours of professional development courses may be used in a degree program.** The program of study should be established immediately after full admission to the program.

## Master of Education in Early Childhood Education Student Worksheet

Candidates for the Master of Education degree in this area will meet the requirements listed below. A minimum of 18 semester hours must be at the 700 level or above.

### I. Core Required Courses (15 credits)

- \_\_\_\_\_ SERM 700: Introduction to Research in Education
- \_\_\_\_\_ SEPY 705: Human Growth and Development 3
- \_\_\_\_\_ SECH 740: The Young Child: Applying Theory and Research 3
- \_\_\_\_\_ SECH 742: Advanced Study of Early Childhood Curricula and Program Models 3
- \_\_\_\_\_ SEFN 744: Philosophy and Education 3

### II. Specialized Early Childhood Requirements (12-15 credits) selected from

- \_\_\_\_\_ SECH 608: Parent Involvement in Early Childhood Education
- \_\_\_\_\_ SECH 744: Advanced Study of Language Development and Communication Skills in Early Childhood Education

- \_\_\_\_\_ SECH 750: Play Theory and Early Learning
- \_\_\_\_\_ SECH 794: Types of Early Childhood Centers
- \_\_\_\_\_ SECH 811: Current Trends and Issues in Early Childhood Education
- \_\_\_\_\_ SEDL 642: Teaching Mathematics to Young Children
- \_\_\_\_\_ SERD 720: Reading: Primary to Middle Grades

### III. Related Study (3-6 credits)

- \_\_\_\_\_
- \_\_\_\_\_

### IV. Final Seminar (3 credits)

- \_\_\_\_\_ SECH 797: Seminar in Early Childhood Education 3

No more than six hours of professional development courses may be used in a degree program.

## Master of Education in Elementary Education Student Worksheet

### I. Core Required Courses (15 credits)

- \_\_\_\_\_ SERM 700: Introduction to Research in Education
- \_\_\_\_\_ SEPY 705: Human Growth and Development
- \_\_\_\_\_ SEFN 744: Philosophy in Education
- \_\_\_\_\_ SEDL 715: Elementary School Curriculum or
- \_\_\_\_\_ SEDL 720: Middle School Curriculum and Organization
- \_\_\_\_\_ SEDL 717: Curriculum Problems in the Elementary School

### II. Content Methods Courses (12-15 credits)

Courses must be selected from a minimum of **three** of the areas outlined below:

#### 1. Language arts area:

- \_\_\_\_\_ SEDL 670: Language Arts in the Elementary School
- \_\_\_\_\_ SERD 720: Reading: Primary to Middle Grades
- \_\_\_\_\_ SERD 730: Introduction to Reading in the Content Areas

#### 2. Social studies area:

- \_\_\_\_\_ SEDL 760: Social Studies in Elementary/Middle School

#### 3. Science area:

- \_\_\_\_\_ SEDL 615: Science in the Elementary School

#### 4. Mathematics area:

- \_\_\_\_\_ SEDL 642: Teaching Mathematics to Young Children (recommended for primary grade teachers only)
- \_\_\_\_\_ SEDL 645: Diagnostic Teaching of Arithmetic
- \_\_\_\_\_ SEDL 745: Teaching Elementary Problem Solving, Geometry, and Measurement Topics

### III. Related Study (3-6 credits)

- \_\_\_\_\_
- \_\_\_\_\_

### IV. Final Seminar (3 credits)

- \_\_\_\_\_ SEDL 780: Seminar in Elementary Education

No more than six hours of professional development courses may be used in a degree program.

## ***Graduate Course Descriptions***

### **Early Childhood Education (SECH)**

#### **541. Integrated Early Childhood Curriculum I (3)**

Integration of content areas within the curriculum emphasizing mathematics and sciences. Learning activities, materials and equipment. Multicultural influences and needs of exceptional children are addressed.

#### **542. Integrated Early Childhood Curriculum II (3)**

Integration of content areas within curriculum emphasizing language arts, reading and fine arts. Learning activities, materials, equipment. Multicultural influences and needs of exceptional children are addressed.

#### **608. Parent Involvement in Early Childhood Education (3)**

Analysis of programs and practices for involving parents in early childhood educational settings. Emphasis on objectives, methods, techniques and materials for program development. Community resources for supporting programs for children in various instructional settings.

#### **698. Topics in Early Childhood education (1-3)**

#### **699. Independent Study (3)**

#### **712. Practicum in Parent Involvement in Early Childhood Education (3)**

School- and home-based experience with parents. Emphasis is upon home-school relationships and their effects upon the young child's development and learning. Participation with advisory groups, parent activities in the classroom, home visits, and parent-teacher communication. Weekly seminar sessions. Prerequisite:

#### **740. The Young Child: Applying Theory and Research (3)**

Analysis and discussion of theory and research related to the education of young children. Intellectual, social, emotional and physical development of infants, toddlers and young children will be examined. Special emphasis on implication for developing early childhood educational instructional programs. Prerequisite: SEPY 705.

#### **742. Advanced Study of Early Childhood Curricula and Program Models (3)**

An analysis of early childhood program models and curricula with theoretical orientation, related research, societal needs, and the student's philosophy of education. Prerequisite: SECH 740.

#### **744. Advanced Study of Language Development and Communication Skills in Early Childhood Education (3)**

Provides classroom teachers with an overview of the development of language and communication skills in children, birth through eight.

**750. Play Theory and Early Learning (3)** Theory, research and practices related to the play of young children in various instructional settings.

**794. Types of Early Childhood Centers (3)** An overview of the function, funding, management and organization of the many varied programs for young children, including research centers, private and agency controlled schools.

#### **797. Seminar in Early Childhood Education (3)**

Synthesis of development, curriculum, cognition and related issues in early childhood education. Prerequisites: degree candidacy in early childhood education and 21 graduate hours completed.

#### **811. Current Trends and Issues in Early Childhood Education (3)**

Early childhood education is a new, developing and rapidly changing field; this course presents an evaluation of current programming. Extensive use will be made of ERIC and similar services. An analysis of what is taking place currently in various innovative and experimental centers.

#### **812. Practicum in Early Childhood Education (3-6)**

Open only to teachers and graduate students who have had no experience or training for work with children below the first grade, especially those desiring certification. Supervised school-based experiences and related seminar participation will be required. Prerequisites: SEDE 420 and 422.

### **Elementary Education (SEDL)**

#### **544. Modern Approaches to Mathematics Teaching (3)**

Curriculum and pedagogy for mathematics topics taught in grades 3 through 8.

#### **615. Science in the Elementary School (3)**

Reinforces the science background of practicing elementary teachers. Innovations are examined. Emphasis is placed on methods, materials, community resources and evaluation procedures.

#### **642. Teaching Mathematics to Young Children (3)**

Analysis of a developmental approach to teaching children under the age of nine.

#### **645. Diagnostic Teaching of Arithmetic (3)**

Analysis of the concepts and skills of arithmetic in the school mathematics curriculum; exploration of diagnostic-prescriptive teaching methods.

#### **648. Teaching Mathematics to Students in Grades 4-6 (3)**

Instructional approaches and materials for teaching elementary school mathematics, grades 4-6.

#### **670. Language Arts in the Elementary School (3)**

Content, goals and methods of teaching language arts in the elementary schools. Emphasis on the teaching of oral and written expression and listening.

#### **698. Topics in Elementary Education (1-3)**

#### **699. Independent Study (3)**

**715. The Elementary School Curriculum (3)** Critical study of the modern elementary school curriculum.

### **717. Curriculum Problems in the Elementary School**

(3) A careful examination of the persistent problems of elementary schools (grouping, promotions, etc.) and the best solutions in terms of research findings and expert opinion. Prerequisite: SEDL 715.

### **720. Middle Organization and Curriculum (3)**

An overview of the development of the middle school, history, purposes and organization and an in-depth analysis of middle school organization and curriculum. The characteristics of middle school students, methods of evaluating students, and the overall curricular program are also considered.

### **745. Teaching Elementary Problem Solving, Geometry, and Measurement Topics (3)**

Analysis of the school curriculum and instructional methods in the designated areas of mathematics; exploration of appropriate outcomes of instruction.

### **760. Implementing Social Studies in the Elementary/ Middle School (3)**

The selection of teaching procedures and instructional materials used to teach social studies in the elementary school will be investigated.

### **780. Seminar in Elementary Education (3)**

Students will synthesize their graduate studies for a master's degree in elementary education. Prerequisites: 24 semester hours of credit earned as specified on the master's degree program of study which must include SEPY 705, SERM 700, SEFN 744, and SEDL 715 OR 720. *Spring*.

### **783. Advanced Study of the Teaching of Mathematics in the Middle or Junior High School (3)**

Historical developments and recent innovations in curricula, resources, and techniques in the teaching of mathematics in the middle or junior high school. Investigative research into the improvement of instruction is required. *Summer*.

## **Education (SDEU)**

### **632. Professional Development: Field Problems in Education I (3)**

Selected educational problems will be identified and explored and probable solutions developed. Emphasis will be on providing practicing school personnel an opportunity to work cooperatively, under supervision, toward solutions to problems that are of immediate concern to them. Activities will include seminars, review of literature, observations, case studies, materials development and other applicable approaches. Emphasis will be placed on the development of a comprehensive proposal designed to alleviate or solve problems identified.

## **Foundations of Education (SEFN)**

### **744. Philosophy and Education (3)**

The functional considerations governing educational theories and practices.

## **Educational Psychology (SEPY)**

### **705. Human Growth and Development (3)**

Overview of the contributions of the biological and social sciences to an understanding of the mental, emotional, social and physical development of children and adolescents. Study of behavior and behavior problems.

## **Reading Education (SERD)**

### **720. Reading: Primary to Middle Grades (3)**

Reading instruction beyond emergent literacy. Attention is given to word analysis, vocabulary acquisition and comprehension skill. Emphasis will be given to the teaching and learning of critical thinking skills through the use of expository texts.

### **730. Introduction to Teaching Reading in the Content Areas (3)**

A survey of the strategies and materials that facilitate students' reading and study skills in the content area classroom. For reading personnel and content area teachers at the middle and high school level.

## **Research and Measurement in Education (SERM)**

### **700. Introduction to Research in Education (3)**

Emphasis on the major methods and techniques of research employed by students of education.

## **Instruction and Teacher Education (SETE)**

### **610. Professional Development: Integrated Reading and Writing Instruction (3)**

Theoretical bases and techniques for teaching reading and writing in the elementary school, using multiple subject areas.

### **611. Professional Development: Concepts and Practices of Whole Language (3)**

Development of concepts, materials, and practices to implement a whole language philosophy. Prerequisite: An introductory course in reading or permission of the instructor.

### **612. Professional Development: Storytelling in the Classroom (3)**

Theoretical and practical applications of applying stories and storytelling to 4K-12 school curriculum.

### **614. Professional Development: Storytelling and Creative Writing (3)**

Integrate proven exercises and techniques into the process of story conceptualization, creation, and revision as a basis for teaching creative writing in the K-12 classroom.

### **631. Professional Development: Using Computers to Support Instruction (3)**

Applications of selected software in instructional management.

**633. Professional Development: Internet for Educators (3)** Educational applications of the Internet in the context of teaching and learning. Practical understanding of how the Internet can be used as an educational resource.

**634. Professional Development: Integrating Multi-Media Technology in the K-12 classroom (3)** Utilization of technology in the classroom and for the development of information and presentation techniques by the classroom teacher.

**651. Professional Development: Selected Topics in Teaching Science (3)** Primarily for elementary, secondary and middle school teachers. Teachers at other levels may be accepted.

**655. Professional Development: Teaching Environmental Education (3)** Rationale and strategies for teaching environmental education.

**660. Professional Development: Issues in Writing Instruction (K-12) (6)** Issues in the teaching of writing, with emphasis on classroom applications K-12 and program development.

**670. Professional Development: Career Technologies (3)** Development of understanding School-to-Work issues and developing curriculum that connects schools with the workplace. Strategies for using technological resources as diagnostic tools in the career development process are included.

**672. Professional Development: Educators in Industry (3)** Provides educators opportunities to understand the changing world of work and the current technology of the workplace. Course includes on-site opportunities in today's worksite.

**680. Professional Development: Topics in Education (3)** Exploration of a current topic in education with emphasis on classroom application.

**701. Selected Topics in Teaching Science (3)** Primarily for elementary, secondary and middle school teachers. Teachers at other levels may be accepted.

**755. Teaching Environmental Education (3)** Rationale and strategies for teaching environmental education.

**760. Issues in Writing Instruction (K-12) (6)** Issues in the teaching of writing, with emphasis on classroom applications K-12 and program development.

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